

Oil Tank Closure Report

Cluster 12

**Cornell-Dubilier Electronics Superfund Site OU2
South Plainfield, NJ**

Prepared For:

U.S. Army Corps of Engineers

USACE Contract Number - W912DQ-04-D-0023

Task Order # 0005

Operating Unit 2

Prepared By:

Sevenson Environmental Services, Inc.

2749 Lockport Road

Niagara Falls, New York 14305

August 1, 2007

Revision 1

298896



Cornell Dubilier Electronics Superfund Site, OU-2
333 Hamilton Blvd.
South Plainfield, New Jersey
Contract No. W912DQ-04-D-0023 TO: 0005
Cluster 12 – Oil Tank Closure Report

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Cornell Dubilier Electronics Superfund Site, OU-2
333 Hamilton Blvd.
South Plainfield, New Jersey

Contract No. W912DQ-04-D-0023 TO: 0005

Cluster 12 – Oil Tank

Tank Closure Report

1.0 Description

The Cornell-Dubilier Electronics Superfund Site (the Site) is located at 333 Hamilton Boulevard in the Borough of South Plainfield, Middlesex County, New Jersey. The Site consists of approximately 26 acres including the Hamilton Industrial Park, contaminated portions of the Bound Brook adjacent to and downstream of the industrial park, and contaminated residential, municipal, and commercial properties in the vicinity of the former Cornell-Dubilier Electronics Corporation, Inc. (Cornell-Dubilier Electronics) facility. The Site contains numerous subdivided buildings, numbered 1 through 18, sub-divided into 12 clusters, some of which are currently used by several commercial and light industrial operations. Site buildings are shown on the drawings. The Site is bounded by the Lehigh Valley

Railroad to the northeast, Factory Street to the southeast, Spicer Avenue to the southwest, and by Hamilton Boulevard. The area is a busy, heavily developed mixed use neighborhood.

The developed portion of the facility (the northwestern portion) comprises approximately 45 percent of the total land area and contains buildings, a system of catch basins to channel storm water flow, and paved roadways.

Several of the catch basins drain into a storm water collection system whose outfalls discharge at various locations along Bound Brook. The other 55 percent of the property is predominantly vegetated. The central part of the undeveloped portion is primarily an open field, with some wooded areas to the northeast and south, and a deteriorated, partially paved area in the middle. The northeast and southeast boundaries consist primarily of wetland areas adjacent to Bound Brook, which flows from the eastern corner

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across the northeastern border of the undeveloped portion of the facility.

Cornell-Dubilier Electronics operated what is now the Hamilton Industrial Park from 1936 to 1962, manufacturing electronic components including capacitors. Polychlorinated biphenyls (PCBs) and chlorinated organic degreasing solvents were used in the manufacturing process. Based on historic site practices, portions of the Site have the potential to be contaminated with asbestos, lead, mercury, PCBs, TCE and dechlorination products, and other constituents of potential concern (COPCs).

Cluster 12 consisted of a twenty seven (27) foot diameter by thirty (30) foot high fuel oil storage tank. The tank was a single walled steel tank, approximately 3/8" thick. The tank foundation consisted of a 9" thick un-reinforced concrete slab supported by 15" thick un-reinforced concrete foundation walls, approximately four and a half (4-1/2') feet deep about the perimeter of the tank. The tank was in good condition showing no signs of deterioration on the side or top of the tank. No visible signs of leakage or stained soils were noticed during demolition of the tank. The tank was vented from the top access hatch and was found to contain no liquids inside. A side access hatch was opened during investigation of the tank and air monitoring was performed.

The tank had been previously decommissioned by the property owner, DSC of Newark Enterprises, Inc (DSC). DSC had utilized L & L Oil Service, Inc. to drain oil (#6 oil and sludge) from the tank and dispose of the oil. This decommissioning occurred in August of 1990 under NJDEP ID # NJC 876005489. Information regarding the amount of oil/sludge removed from the tank prior to the tank decommissioning, disposal manifest, or the disposal/recycling facility was not made available to Severson. Appendix A contains documentation from the original tank decommissioning.

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2.0 Air Monitoring

Air monitoring consisted of real time particulate air monitoring for respirable dust. Photo Ionization Detection (PID) monitoring for volatile organic compounds (VOC's), Low

Deleted: The tank foundation consisted of a 9" thick slab supported by 15" thick foundation walls, approximately four and a half (4-1/2') feet deep about the perimeter of the tank. The tank was in good condition showing no signs of deterioration on the side or top of the tank. No visible signs of leakage or stained soils were noticed during demolition of the tank. The tank was vented from the top access hatch and was found to contain no liquids inside. A side access hatch was opened during investigation of the tank and air monitoring was performed. ¶

Explosive Limit (LEL), hydrogen sulfide (H₂S), carbon monoxide (CO), and Oxygen were conducted as applicable. Personnel breathing zone samples were collected for polychlorobiphenyls (PCB's) and lead. No readings above action levels were noted. Procedures and details on breathing zone samples collection and action levels can be found in the Site Safety and Health Plan. Results of the air monitoring and method utilized can be found in Appendix B.

3.0 Asbestos Removal

Prior to any actual demolition activities being performed, approximately 3 cubic yards of asbestos pipe insulation required removal from an exterior pipe. Severson subcontracted the asbestos abatement to PAL Environmental Safety Corp. 11-02 Queens Plaza South, Long Island City, New York. Assessment Resources & Technologies, Inc. (ART), 111 John Street – Suite 538, New York, New York, performed third party air monitoring/sampling during the asbestos removal. ART air monitoring results and the asbestos certificate of disposal can be found in Appendix C.

4.0 Sampling

A tar like substance was noted on the interior wall surface of the tank and approximately two (2) inches of solids was noted on the floor. Samples of the tank wall material and solids were gathered and sent out for TCLP analysis. The tar like substance and solids were gathered over several areas through out the tank and composited into two single samples, one tar and one solid. The samples were analyzed at Wastestream Technologies, in Buffalo, New York. Results indicated that both the tank wall and solids exhibited PCB contamination greater than 50 ppm. The tar like substance could not be removed from the steel tank wall, so it was decided to dispose of the steel tank as PCB contaminated material exhibiting contamination greater than 50 ppm. The interior solids were manually collected, shoveled into drums, and ultimately disposed with the steel tank. Sampling and analysis were performed in accordance with the approved site Sampling and Analysis Plan. Results of the tank sampling can be found in Appendix D.

5.0 Tank Foundation

A thirty six (36) inch water main was noted in the area of the tank and utility location mark out and magnetometer readings indicated that the main existed underneath the tank. Test pits were excavated on either side of the tank (north and south) to locate the main, determine the depth of foundations, and gather samples of concrete for disposal purposes. The foundation was found to be approximately four and a half (4-1/2) foot in depth and approximately eight (8) inches above the 36" main. Concrete samples were gathered and sent for analysis. Concrete results indicated the concrete foundation could be disposed as non-hazardous debris.

6.0 Waste Profiles

Waste Generator/ Hazardous Waste Determination Certification sheets and profile sheets were prepared for the two waste streams, non-hazardous debris and PCB material (PCB material) exhibiting contamination greater than 50 ppm. The non-hazardous debris profile was for disposal at Solid Waste Services/ Pioneer Crossing Landfill located at 2650 Audubon Road, Audubon, PA 19403. The PCB material was profiled for disposal at CWM Chemical Services, LLP, 1550 Balmer Road, Model City, NY 14107. Waste Generator sheets, profiles, and LDR Notifications can be found in Appendix E.

Upon completion of the test pit backfilling, the steel tank was demolished by use of a Komatsu PC 300 backhoe with a shear attachment. The tank steel was sized to less than six (6) foot square and placed into two steel roll-off boxes. Freehold Cartage, Inc. of Freehold, NJ was contracted to transport the material to CWM Chemical Services, LLP. The tank steel and solids weighed 19.76 tons. Copies of the manifests and Certificates of Disposal can be found in Appendix F.

7.0 Foundation Wall Removal

Due to the proximity of the foundation wall to the 36" water main, it was determined by all parties, USEPA, USACE, and Severson, that the best course of action would be to saw cut the slab and foundation walls to eliminate vibration on top of the main thus

reducing risk of damage to the main. Severson excavated along side of the tank foundation and contracted CTI Cutting Technologies, 101 Washington Avenue, Gloucester City, NJ 08030 to perform saw cutting of the tank slab and foundations. Soil excavated was placed on the saw cut slab for later backfilling, upon removal of the foundations. ~~Water was present approximately four (4) foot below grade. Water was pumped to a 21,000 gallon capacity "frac" tank during below grade work activities. Upon completion of the saw cutting, the concrete was excavated and transported and disposed at Solid Waste Services/ Pioneer Crossing Landfill. The concrete material weighed 72.45 tons and was transported by All Jersey Express Co., Inc., Delaware Valley Contractors, Inc, and Agliano Brothers Trucking. Copies of the bill of ladings can be found in Appendix G.~~

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8.0 Levels of Protection

The levels of protection utilized during the work consisted of level C personal protective equipment (PPE) for the tank solids removal and test pit excavation and level D modified PPE for all of the remaining work. Modified D PPE consists of tyvek suits, Nitrile gloves and latex boots. Level C PPE consists of modified level D PPE plus full-face respirator.

9.0 Backfilling

The area was graded utilizing the excavated material and proof rolled with a ten (10) ton roller. Kennon Surveying surveyed the sub-grade and the area was backfill with dense graded aggregate (DGA) stone. Sixty seven (67) tons of DGA was utilized for backfilling the tank area. The DGA was compacted to 95% of the maximum density as presented in ASTM D 1557. Compaction testing was performed by Sor Testing Laboratories, Inc. 98 Sand Park Road, Cedar Grove, New Jersey. Prior to the installation of stone, a non-woven geotextile was place on the proof rolled grade. The DGA was then covered with three (3) inches of bituminous asphalt pavement, surface course mix, I-4. Asphalt was placed on April 11, 2007, completing the physical aspect of the work order. Compaction results are presented in Appendix H. The tank demolition permit is presented in Appendix I.

10.0 Progress Photographs

Progress photographs were taken through out the work and can be found in Appendix J.

Deleted: Cornell-Dubilier Electronics operated what is now the Hamilton Industrial Park from 1936 to 1962, manufacturing electronic components including capacitors. Polychlorinated biphenyls (PCBs) and chlorinated organic degreasing solvents were used in the manufacturing process. Based on historic site practices, portions of the Site have the potential to be contaminated with asbestos, lead, mercury, PCBs, TCE and dechlorination products, and other constituents of potential concern (COPCs). Previous studies and evaluations which are listed in paragraph: Information Resources document the presence of hazards at the site including the presence of large amounts of asbestos, metals, PCB containing lighting SECTION 01110 Page 2 Cornell-Dubilier Electronics Superfund Site - OU2 ballasts and transformers and capacitors and other hazardous substances which must be abated and / or removed prior to demolition of the site buildings. A tabulation of existing site building information can be found

Appendix A

Original Tank Decommissioning Data

JRN-13-2001 22:08

P.02

DSC of Newark Enterprises, Inc.

70 BLANCHARD STREET
NEWARK, NEW JERSEY 07105

(201) 588-4200
FAX # 201-578-8845

August 7, 1990

Ms. Jean Dennes
N. J. D. E. P.
FAX # 609-633-1454

Dear Jean:

This letter is a request for a temporary ID# for clean-up of #6 oil and sludge, X725 Waste, located at our South Plainfield plant, 133 Hamilton Boulevard, South Plainfield, N. J. 07080.

Contractor for the clean up will be:

S & D Environmental Services, Inc.
Two Cornet Lane
Edison, N. J. 08837
Phone # 201-549-8778

Waste will be disposed of at:

S & W Waste
South Kearny, N. J.
ID# NJD 991219185

Very truly yours,

DSC OF NEWARK ENTERPRISES, INC.

Lester Pae

Lester Pae
Plant Manager

LP:pyk

JHN-13-2001 22:08

P.03

TRANSACTION REPORT

AUG-7-98 TUE

DATE START

RECEIVER

TX TIME

PAGES

NOTE

AUG-7 10:46 16096331454

1:13"

2

OK

J.D. #

N.J.C.

876 0054 89

JAN-13-2001 22:08

P.04

Payments Made to

to 12th
on 0520
1990

for Environmental

BSC - 10/90

\$ 10,000.00

#3604
+
3661

BSC - 11/90

9884.75

BSC - 12/90

7389.50 ✓ #3721

TOTAL

\$ 27274.25

Pd. 1/24/91 ~~#~~
Ch# 27065

13489.20 ✓ #3742

10,000.00+
9,884.75+
7389.50+

1/23/91

S+D - 40,763.45+
L+L - 3,237.50+
STARS - 1,605.00+
45,605.95+



JAN-13-2001 22:08

P.05

L. & L. OIL SERVICE, INC.
D.E.P. & E.P.A. Approved
740 Lloyd Road
ABERDEEN, NEW JERSEY 07747
(201) 566-2785

PHONE	DATE
NAME	
ADDRESS	
332 Main St Blvd So. Plainfield, NJ	
TIME IN DESTINATION	TIME OUT DESTINATION
7:00	3:00
Pump Waste	
WATER / oil	
SONGALS	
Enter to Clean	
1-150.000 gallon tank	
L. & L. will not be responsible for any ground contamination.	
RECEIVED BY	

38504

Thank You

All claims and returned goods MUST be accompanied by this OIL

11/14/2006 15:03 #915 P.006/007

From: ENVIRONMENTAL RESIDENT OFFICE 7328465837

JUN-13-2001 12:08

P.06

L & L OIL SERVICE, INC.
 740 Lloyd Road
 ABERDEEN, NEW JERSEY 07747
 O.E.P. and E.P.A. Approved
 Tel. (201) 686-2765
 Fax. (201) 683-4804

LOS
Not Noted

TO

DSC
 Morgan Corp.
 70 Blouchard St.
 Newark, N.J.

ATTN: Lester Pae

TERMS:

QUANTITY

DESCRIPTION

PRICE

AMOUNT

Entered & Cleaned 150,000 gallon tank of # 6 oil
 Disposed of 1050 # 6 oil/sudge @ 1.00 per gal
 Disposed of 500 gallons of waste water @ 75¢ per gal
 14.5 hrs @ \$ 125.00 per hr

\$ 1050.00
 375.00
 1812.50
 \$ 3237.50
 226.62
 \$ 3464.12

Tax

White/ORIGINAL

Thank You!

Copy/Duplicate

INVOICE

No 24473

DATE	9/11/90
CUSTOMER ORDER NO.	
DATE RECEIVED	
WA	

SPENT
12-9-24-90

Have
original
+ 111

JAN-13-2001 22:08

P.07

L. & L. OIL SERVICE, INC.
D.E.P. & E.P.A. Approved
740 Lloyd Road
ABERDEEN, NEW JERSEY 07747
Tel: (201) 566-2785 • Fax: (201) 583-4804

SOLD TO: _____

BILL TO: _____

CONTACT: _____

ATTN: _____

ASSY. #	ORDER DATE	DRIVER	JOB SCHEDULED FOR
PHONE #	EPA ID #	CUSTOMER PO #	TERMS
1	TYPE OF WORK		TYPE OF MATERIALS
2			

SPECIAL INSTRUCTIONS: _____

PRICE QUOTED: _____

ESTIMATED GALLONAGE: _____

DISPOSAL PER GALLON: _____

HOURLY RATE: _____

ENTER & CLEAN TANK: _____

THIS WORK HAS BEEN INSPECTED AND PERFORMED
TO THE CUSTOMER'S SATISFACTION.

SIGNATURE: _____

This order has been signed and confirmed by the customer (not L & L Oil Service) has left
the grounds in good condition and is not responsible for any spills or soil contamination.

WHITE/OFFICE

YELLOW/DRIVER

PINK/CUSTOMER

Appendix B

Air Monitoring Results

POLYCHLOROBIPHENYLS

5503

mixture: $C_{12}H_{10-x}Cl_x$
[where $x = 1$ to 10]

MW: ca. 258 (42% Cl ; $C_{12}H_7Cl_5$);
ca. 326 (54% Cl ; $C_{12}H_5Cl_7$)

CAS: Table 1

RTECS: Table 1

METHOD: 5503, Issue 2

EVALUATION: PARTIAL

Issue 1: 15 February 1984

Revision #1: 15 August 1987

Issue 2: 15 August 1994

OSHA : 1 mg/m³ (42% Cl);
0.5 mg/m³ (54% Cl)
NIOSH: 0.001 mg/m³/10 h (carcinogen)
ACGIH: 1 mg/m³ (42% Cl) (skin)
0.5 mg/m³ (54% Cl) (skin)

PROPERTIES: 42% Cl: BP 325 to 366 °C; MP -19 °C;
d 1.38 g/mL @ 25 °C;
VP 0.01 Pa (8 x 10⁻⁵ mm Hg;
1 mg/m³) @ 20 °C
54% Cl: BP 365 to 390 °C; MP 10 °C;
d 1.54 g/mL @ 25 °C; VP
0.0004 Pa (3 x 10⁻⁶ mm Hg;
0.05 mg/m³) @ 20 °C

SYNONYMS: PCB; 1,1'-biphenyl chloro; chlorodiphenyl, 42% Cl (Aroclor 1242); and 54% Cl (Aroclor 1254)

SAMPLING		MEASUREMENT	
SAMPLER:	FILTER + SOLID SORBENT (13-mm glass fiber + Florisil, 100 mg/50 mg)	TECHNIQUE:	GAS CHROMATOGRAPHY, ECD (⁶³ Ni)
FLOW RATE:	0.05 to 0.2 L/min or less	ANALYTE:	polychlorobiphenyls
VOL-MIN:	1 L @ 0.5 mg/m ³	DESORPTION:	filter + front section, 5 mL hexane; back section, 2 mL hexane
-MAX:	50 L	INJECTION	
SHIPMENT:	transfer filters to glass vials after sampling	VOLUME:	4-μL with 1-μL backflush
SAMPLE		TEMPERATURE-INJECTION:	250 to 300 °C
STABILITY:	unknown for filters; 2 months for Florisil tubes [1]	-DETECTOR:	300 to 325 °C
BLANKS:	2 to 10 field blanks per set	-COLUMN:	180 °C
ACCURACY		CARRIER GAS:	N ₂ , 40 mL/min
RANGE STUDIED:	not studied	COLUMN:	glass, 1.8 m x 2-mm ID, 1.5% OV-17/1.95% QF-1 on 80/100 mesh Chromosorb WHP
BIAS:	none identified	CALIBRATION:	standard PCB mixture in hexane
OVERALL PRECISION (\bar{S}_r):	not evaluated	RANGE:	0.4 to 4 μg per sample [2]
ACCURACY:	not determined	ESTIMATED LOD:	0.03 μg per sample [2]
		PRECISION (\bar{S}_r):	0.044 [1]

APPLICABILITY: The working range is 0.01 to 10 mg/m³ for a 40-L air sample [1]. With modifications, surface wipe samples may be analyzed [3,4].

INTERFERENCES: Chlorinated pesticides, such as DDT and DDE, may interfere with quantification of PCB. Sulfur-containing compounds in petroleum products also interfere [5].

OTHER METHODS: This method revises methods S120 [6] and P&CAM 244 [1]. Methods S121 [7] and P&CAM 253 [8] for PCB have not been revised.

REAGENTS:

1. Hexane, pesticide quality.
2. Florisil, 30/48 mesh sieved from 30/60 mesh. After sieving, dry at 105 °C for 45 min. Mix the cooled Florisil with 3% (w/w) distilled water.
3. Nitrogen, purified.
4. Stock standard solution of the PCB in methanol or isooctane (commercially available).*

* See SPECIAL PRECAUTIONS.

EQUIPMENT:

1. Sampler: 13-mm glass fiber filter without binders in a Swinnex cassette (Cat. No. SX 0001300, Millipore Corp.) followed by a glass tube, 7 cm long, 6-mm OD, 4-mm ID containing two sections of 30/48 mesh deactivated Florisil. The front section is preceded by glass wool and contains 100 mg and the backup section contains 50 mg; urethane foam between sections and behind the backup section. (SKC 226-39, Supelco ORBO-60, or equivalent) Join the cassette and Florisil tube with PVC tubing, 3/8" L x 9/32" OD x 5/32" ID, on the outlet of the cassette and with another piece of PVC tubing, 3/4" L x 5/16" OD x 3/16" ID, complete the union.
2. Personal sampling pump, 0.05 to 0.2 L/min, with flexible connecting tubing.
3. Tweezers.
4. Vials, glass, 4- and 7-mL, with aluminum or PTFE-lined caps
5. Gas chromatograph, electron capture detection (^{63}Ni), integrator and column (page 5503-1).
6. Volumetric flasks, 10-mL and other convenient sizes for preparing standards.
7. Syringe, 10- μL .

SPECIAL PRECAUTIONS: Avoid prolonged or repeated contact of skin with PCB and prolonged or repeated breathing of the vapor [9-11].

SAMPLING:

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Break the ends of the Florisil tube immediately before sampling. Connect Florisil tube to Swinnex cassette and attach sampler to personal sampling pump with flexible tubing.
3. Sample at an accurately known flow rate between 0.05 and 0.2 L/min for a total sample size of 1 to 50 L.

NOTE: At low PCB concentrations, the sampler was found to be efficient when operated at flow rates up to 1 L/min, for 24 hours [4]. Under these conditions, the limit of detection was 0.02 $\mu\text{g}/\text{m}^3$.

4. Transfer the glass fiber filters to 7-mL vials. Cap the Florisil tubes with plastic (not rubber) caps and pack securely for shipment.

SAMPLE PREPARATION:

5. Place the glass wool and 100-mg Florisil bed in the same 7-mL vial in which the filter was stored. Add 5.0 mL hexane.
6. In a 4-mL vial, place the 50-mg Florisil bed including the two urethane plugs. Add 2.0 mL hexane.
7. Allow to stand 20 min with occasional agitation.

CALIBRATION AND QUALITY CONTROL:

8. Calibrate daily with at least six working standards over the range 10 to 500 ng/mL PCB.
 - a. Add known amounts of stock standard solution to hexane in 10-mL volumetric flasks and dilute to the mark.
 - b. Analyze together with samples and blanks (steps 11 and 12).
 - c. Prepare calibration graph (sum of areas of selected peaks vs. ng PCB per sample).
9. Determine desorption efficiency (DE) at least once for each lot of glass fiber filters and Florisil used for sampling in the calibration range (step 8). Prepare three tubes at each of five levels plus three media blanks.
 - a. Remove and discard back sorbent section of a media blank Florisil tube.
 - b. Inject known amounts of stock standard solution directly onto front sorbent section and onto a media blank filter with a microliter syringe.
 - c. Cap the tube. Allow to stand overnight.
 - d. Desorb (steps 5 through 7) and analyze together with working standards (steps 11 and 12).
 - e. Prepare a graph of DE vs. µg PCB recovered.
10. Analyze three quality control blind spikes and three analyst spikes to ensure that the calibration graph and DE graph are in control.

MEASUREMENT:

11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 5503-1. Inject sample aliquot manually using solvent flush technique or with autosampler.

NOTE 1: Where individual identification of PCB is needed, a procedure using a capillary column may be used [12].

NOTE 2: If peak area is above the linear range of the working standards, dilute with hexane, reanalyze and apply the appropriate dilution factor in calculations.
12. Sum the areas for five or more selected peaks.

CALCULATIONS:

13. Determine the mass, µg (corrected for DE) of PCB found on the glass fiber filter (W) and in the Florisil front (W_f) and back (W_b) sorbent sections, and in the average media blank filter (B) and front (B_f) and back (B_b) sorbent sections.

NOTE: If $W_b > W_f/10$, report breakthrough and possible sample loss.
14. Calculate concentration, C, of PCB in the air volume sampled, V (L):

$$C = \frac{(W + W_f + W_b - B - B_f - B_b)}{V}, \text{ mg/m}^3.$$

EVALUATION OF METHOD:

This method uses 13-mm glass fiber filters which have not been evaluated for collecting PCB. In Method S120, however, Aroclor 1242 was completely recovered from 37-mm glass fiber filters using 15 mL isooctane [8,13,14]. With 5 mL of hexane, Aroclor 1016 was also completely recovered from 100-mg Florisil beds after one-day storage [1]. Thus, with no adsorption effect likely on glass fiber filters for PCB, 5 mL hexane should be adequate to completely extract PCB from combined filters and front sorbent sections. Sample stability on glass fiber filters has not been investigated. Breakthrough volume was >48 L for the Florisil tube at 75% RH in an atmosphere containing 10 mg/m³ Aroclor 1016 [1].

REFERENCES:

- [1] NIOSH Manual of Analytical Methods, 2nd ed., V. 1, P&CAM 244, U.S. Department of health, Education, and Welfare, Publ. (NIOSH) 77-157-A (1977).
- [2] User check, Southern Research Institute, NIOSH Sequence #4121-U (unpublished, January 25, 1984).
- [3] Kominsky, J. Applied Ind. Hyg. 1 (4), R-6 (1986).
- [4] NIOSH Health Hazard Evaluation Report, HETA 85-289-1738 (unpublished, 1986).
- [5] Hofstader, R. A., C. A. Bache, and D. J. Lisk. Bull. Environ. Contam. Toxicol., 11, 136 (1974).
- [6] NIOSH Manual of Analytical Methods, 2nd ed., V. 4, S120, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 78-175 (1978).
- [7] Ibid, V. 2, S121, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-B (1977).
- [8] Ibid, Vol. 1, P&CAM 253
- [9] Criteria for a Recommended Standard . . . Occupational Exposure to Polychlorinated Biphenyls, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-225 (1977).
- [10] Current Intelligence Bulletin 7, Polychlorinated Biphenyls (PCBs), U.S. Department of Health and Human Services, Publ. (NIOSH) 78-127 (1975).
- [11] Occupational Diseases, A Guide to Their Recognition, revised ed., 255-256, U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-181 (1978).
- [12] Dunker, J. C. and M. T. J. Hillebrand. Characterization of PCB Components in Clophen Formulations by Capillary GC-MS and GC-ECD Techniques, Environ. Sci. Technol., 17 (8), 449-456 (1983).
- [13] Backup Data Report for S120, prepared under NIOSH Contract 210-76-0123, available as "Ten NIOSH Analytical Methods, Set 2," Order No. Pb 271-464 from NTIS, Springfield, VA 22161.
- [14] NIOSH Research Report-Development and Validation of Methods for Sampling and Analysis of Workplace Toxic Substances, U.S. Department of Health and Human Services, Publ. (NIOSH) 80-133 (1980).
- [15] Hutzinger, O., S. Safe, and V. Zitko. The Chemistry of PCBs, CRC Press, Inc., Cleveland, OH (1974).

METHOD REVISED BY:

James E. Arnold, NIOSH/DPSE; S120 originally validated under NIOSH Contract 210-76-0123.

Table 1. General Information.

<u>Compound</u>	<u>CAS</u>	<u>RTECS</u>
Polychlorinated Biphenyls	1336-36-3	TQ1350000
Chlorobiphenyl	27323-18-8	DV2063000
Aroclor 1016 (41% Cl)	12674-11-2	TQ1351000
Aroclor 1242 (42% Cl)	53469-21-9	TQ1356000
Aroclor 1254 (54% Cl)	11097-69-1	TQ1360000

Table 2. Composition of some Aroclors [15].

<u>Major Components</u>	<u>Aroclor 1016</u>	<u>Aroclor 1242</u>	<u>Aroclor 1254</u>
Biphenyl	0.1%	<0.1%	<0.1%
Monochlorobiphenyls	1	1	<0.1
Dichlorobiphenyls	20	16	0.5
Trichlorobiphenyls	57	49	1
Tetrachlorobiphenyls	21	25	21
Pentachlorobiphenyls	1	8	48
Hexachlorobiphenyls	<0.1	1	23
Heptachlorobiphenyls	none detected	<0.1	6
Octachlorobiphenyls	none detected	none detected	none detected

ELEMENTS by ICP (Nitric/Perchloric Acid Ashing)

7300

MW: Table 1

CAS: Table 2

RTECS: Table 2

METHOD: 7300, Issue 3

EVALUATION: PARTIAL

Issue 1: 15 August 1990

Issue 3: 15 March 2003

OSHA: Table 2

NIOSH: Table 2

ACGIH: Table 2

PROPERTIES: Table 1

ELEMENTS: aluminum*	calcium	lanthanum	nickel	strontium	tungsten*
antimony*	chromium*	lithium*	potassium	tellurium	vanadium*
arsenic	cobalt*	magnesium	phosphorus	tin	yttrium
barium	copper	manganese*	selenium	thallium	zinc
beryllium*	iron	molybdenum*	silver	titanium	zirconium*
cadmium	lead*				

*Some compounds of these elements require special sample treatment.

SAMPLING		MEASUREMENT	
SAMPLER:	FILTER (0.8- μ m, cellulose ester membrane, or 5.0- μ m, polyvinyl chloride membrane)	TECHNIQUE:	INDUCTIVELY COUPLED ARGON PLASMA, ATOMIC EMISSION SPECTROSCOPY (ICP-AES)
FLOWRATE:	1 to 4 L/min	ANALYTE:	elements above
VOL-MIN:	Table 1	ASHING	
-MAX:	Table 1	REAGENTS:	conc. HNO ₃ / conc. HClO ₄ (4:1), 5 mL; 2mL increments added as needed
SHIPMENT:	routine	CONDITIONS:	room temperature, 30 min; 150 °C to near dryness
SAMPLE		FINAL	
STABILITY:	stable	SOLUTION:	4% HNO ₃ , 1% HClO ₄ , 25 mL
BLANKS:	2 to 10 field blanks per set	WAVELENGTH:	depends upon element; Table 3
ACCURACY		BACKGROUND	
		CORRECTION:	spectral wavelength shift
RANGE STUDIED:	not determined	CALIBRATION:	elements in 4% HNO ₃ , 1% HClO ₄
BIAS:	not determined	RANGE:	varies with element [1]
OVERALL PRECISION (\hat{S}_r):	not determined	ESTIMATED LOD:	Tables 3 and 4
ACCURACY:	not determined	PRECISION (\hat{S}):	Tables 3 and 4

APPLICABILITY: The working range of this method is 0.005 to 2.0 mg/m³ for each element in a 500-L air sample. This is simultaneous elemental analysis, not compound specific. Verify that the types of compounds in the samples are soluble with the ashing procedure selected.

INTERFERENCES: Spectral interferences are the primary interferences encountered in ICP-AES analysis. These are minimized by judicious wavelength selection, interelement correction factors and background correction [1-4].

OTHER METHODS: This issue updates issues 1 and 2 of Method 7300, which replaced P&CAM 351 [3] for trace elements. Flame atomic absorption spectroscopy (e.g., Methods 70XX) is an alternate analytical technique for many of these elements. Graphite furnace AAS (e.g., 7102 for Be, 7105 for Pb) is more sensitive.

REAGENTS:

1. Nitric acid (HNO_3), conc., ultra pure.
2. Perchloric acid (HClO_4), conc., ultra pure.*
3. Ashing acid: 4:1 (v/v) HNO_3 : HClO_4 . Mix 4 volumes conc. HNO_3 with 1 volume conc. HClO_4 .
4. Calibration stock solutions, 1000 $\mu\text{g/mL}$. Commercially available, or prepared per instrument manufacturer's recommendation (see step 12).
5. Dilution acid, 4% HNO_3 , 1% HClO_4 . Add 50 mL ashing acid to 600 mL water; dilute to 1 L.
6. Argon.
7. Distilled, deionized water.

* See SPECIAL PRECAUTIONS.

EQUIPMENT:

1. Sampler: cellulose ester membrane filter, 0.8- μm pore size; or polyvinyl chloride membrane, 5.0- μm pore size; 37-mm diameter, in cassette filter holder.
2. Personal sampling pump, 1 to 4 L/min, with flexible connecting tubing.
3. Inductively coupled plasma-atomic emission spectrometer, equipped as specified by the manufacturer for analysis of elements of interest.
4. Regulator, two-stage, for argon.
5. Beakers, Phillips, 125-mL, or Griffin, 50-mL, with watchglass covers.**
6. Volumetric flasks, 10-, 25-, 100-mL, and 1-L**
7. Assorted volumetric pipets as needed.**
8. Hotplate, surface temperature 150 °C.

** Clean all glassware with conc. nitric acid and rinse thoroughly in distilled water before use.

SPECIAL PRECAUTIONS: All perchloric acid digestions are required to be done in a perchloric acid hood. When working with concentrated acids, wear protective clothing and gloves.

SAMPLING:

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Sample at an accurately known flow rate between 1 and 4 L/min for a total sample size of 200 to 2000 L (see Table 1) for TWA measurements. Do not exceed a filter loading of approximately 2 mg total dust.

SAMPLE PREPARATION:

3. Open the cassette filter holders and transfer the samples and blanks to clean beakers.
4. Add 5 mL ashing acid. Cover with a watchglass. Let stand 30 min at room temperature.
NOTE: Start a reagent blank at this step.
5. Heat on hotplate (120 °C) until ca. 0.5 mL remains.
NOTE 1: Recovery of lead from some paint matrices may require other digestion techniques. See Method 7082 (Lead by Flame AAS) for an alternative hotplate digestion procedure or Method 7302 for a microwave digestion procedure.
NOTE 2: Some species of Al, Be, Co, Cr, Li, Mn, Mo, V, and Zr will not be completely solubilized by this procedure. Alternative solubilization techniques for most of these elements can be found elsewhere [5-10]. For example, aqua regia may be needed for Mn [6,12].
6. Add 2 mL ashing acid and repeat step 5. Repeat this step until the solution is clear.
7. Remove watchglass and rinse into the beaker with distilled water.
8. Increase the temperature to 150 °C and take the sample to near dryness (ca. 0.5 mL).
9. Dissolve the residue in 2 to 3 mL dilution acid.
10. Transfer the solutions quantitatively to 25-mL volumetric flasks.
11. Dilute to volume with dilution acid.
NOTE: If more sensitivity is required, the final sample volume may be held to 10 mL.

CALIBRATION AND QUALITY CONTROL:

12. Calibrate the spectrometer according to the manufacturers recommendations.

NOTE: Typically, an acid blank and 1.0 µg/mL multielement working standards are used. The following multielement combinations are chemically compatible in 4% HNO₃/1% HClO₄:

- a. Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, La, In, Na
- b. Ag, K, Li, Mg, Mn, Ni, P, Pb, Se, Sr, Tl, V, Y, Zn, Sc
- c. Mo, Sb, Sn, Te, Ti, W, Zr
- d. Acid blank

13. Analyze a standard for every ten samples.

14. Check recoveries with at least two spiked blank filters per ten samples.

MEASUREMENT:

15. Set spectrometer to conditions specified by manufacturer.

16. Analyze standards and samples.

NOTE: If the values for the samples are above the range of the standards, dilute the solutions with dilution acid, reanalyze and apply the appropriate dilution factor in the calculations.

CALCULATIONS:

17. Obtain the solution concentrations for the sample, C_s (µg/mL), and the average media blank, C_b (µg/mL), from the instrument.

18. Using the solution volumes of sample, V_s (mL), and media blank, V_b (mL), calculate the concentration, C (mg/m³), of each element in the air volume sampled, V (L):

$$C = \frac{C_s V_s - C_b V_b}{V}, \text{mg} / \text{m}^3$$

NOTE: µg/L = mg/m³

EVALUATION OF METHOD:**Issues 1 and 2**

Method, 7300 was originally evaluated in 1981 [2,3]. The precision and recovery data were determined at 2.5 and 1000 µg of each element per sample on spiked filters. The measurements used for the method evaluation in Issues 1 and 2 were determined with a Jarrell-Ash Model 1160 Inductively Coupled Plasma Spectrometer operated according to manufacturer's instructions.

Issue 3

In this update of NIOSH Method 7300, the precision and recovery data were determined at approximately 3x and 10x the instrumental detection limits on commercially prepared spiked filters [12] using 25.0 mL as the final sample volume. Tables 3 and 4 list the precision and recovery data, instrumental detection limits, and analytical wavelengths for mixed cellulose ester (MCE) and polyvinyl chloride (PVC) filters. PVC Filters which can be used for total dust measurements and then digested for metals measurements were tested and found to give good results. The values in Tables 3 and 4 were determined with a Spectro Analytical Instruments Model End On Plasma (EOP)(axial) operated according to manufacturer's instructions.

REFERENCES:

- [1] Millson M, Andrews R [2002]. Backup data report, Method 7300, unpublished report, NIOSH/DART.
- [2] Hull RD [1981]. Multielement Analysis of Industrial Hygiene Samples, NIOSH Internal Report, presented at the American Industrial Hygiene Conference, Portland, Oregon.
- [3] NIOSH [1982]. NIOSH Manual of Analytical Methods, 2nd ed., V. 7, P&CAM 351 (Elements by ICP), U.S. Department of Health and Human Services, Publ. (NIOSH) 82-100.
- [4] NIOSH [1994]. Elements by ICP: Method 7300, Issue 2. In: Eller PM, Cassinelli ME, eds., NIOSH Manual of Analytical Methods, 4th ed. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 94-113.
- [5] NIOSH [1994]. Lead by FAAS: Method 7082. In: Eller PM, Cassinelli ME, eds., NIOSH Manual of Analytical Methods, 4th ed. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 94-113.
- [6] NIOSH [1977]. NIOSH Manual of Analytical Methods, 2nd ed., V. 2, S5 (Manganese), U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-B.
- [7] NIOSH [1994]. Tungsten, soluble/insoluble: Method 7074. In: Eller PM, Cassinelli ME, eds., NIOSH Manual of Analytical Methods, 4th ed. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 94-113.
- [8] NIOSH [1979]. NIOSH Manual of Analytical Methods, 2nd ed., V. 5, P&CAM 173 (Metals by Atomic Absorption), U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 79-141.
- [9] NIOSH [1977]. NIOSH Manual of Analytical Methods, 2nd ed., V. 3, S183 (Tin), S185 (Zirconium), and S376 (Molybdenum), U.S. Department of Health, Education, and Welfare, Publ. (NIOSH) 77-157-C.
- [10] ISO [2001]. Workplace air - Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry - Part 2: Sample preparation. International Organization for Standardization. ISO 15202-2:2001(E).
- [11] ASTM [1985]. 1985 Annual Book of ASTM Standards, Vol. 11.01; Standard Specification for Reagent Water; ASTM, Philadelphia, PA, D1193-77 (1985).
- [12] Certification Inorganic Ventures for spikes.

METHOD REVISED BY:

Mark Millson and Ronnee Andrews, NIOSH/DART.

Method originally written by Mark Millson, NIOSH/DART, and R. DeLon Hull, Ph.D., NIOSH/DSHEFS, James B. Perkins, David L. Wheeler, and Keith Nicholson, DataChem Laboratories, Salt Lake City, UT.

TABLE 1. PROPERTIES AND SAMPLING VOLUMES

Element (Symbol)	Properties		Air Volume, L @ OSHA PEL	
	Atomic Weight	MP, °C	MIN	MAX
Silver (Ag)	107.87	961	250	2000
Aluminum (Al)	26.98	660	5	100
Arsenic (As)	74.92	817	5	2000
Barium (Ba)	137.34	710	50	2000
Beryllium (Be)	9.01	1278	1250	2000
Calcium (Ca)	40.08	842	5	200
Cadmium (Cd)	112.40	321	13	2000
Cobalt (Co)	58.93	1495	25	2000
Chromium (Cr)	52.00	1890	5	1000
Copper (Cu)	63.54	1083	5	1000
Iron (Fe)	55.85	1535	5	100
Potassium (K)	39.10	63.65	5	1000
Lanthanum	138.91	920	5	1000
Lithium (Li)	6.94	179	100	2000
Magnesium (Mg)	24.31	651	5	67
Manganese (Mn)	54.94	1244	5	200
Molybdenum (Mo)	95.94	651	5	67
Nickel (Ni)	58.71	1453	5	1000
Phosphorus (P)	30.97	44	25	2000
Lead (Pb)	207.19	328	50	2000
Antimony (Sb)	121.75	630.5	50	2000
Selenium (Se)	78.96	217	13	2000
Tin (Sn)	118.69	231.9	5	1000
Strontium (Sr)	87.62	769	10	1000
Tellurium (Te)	127.60	450	25	2000
Titanium (Ti)	47.90	1675	5	100
Thallium (Tl)	204.37	304	25	2000
Vanadium (V)	50.94	1890	5	2000
Tungsten (W)	183.85	3410	5	1000
Yttrium (Y)	88.91	1495	5	1000
Zinc (Zn)	65.37	419	5	200
Zirconium (Zr)	91.22	1852	5	200

TABLE 2. EXPOSURE LIMITS, CAS #, RTECS

Element (Symbol)	CAS #	RTECS	Exposure Limits, mg/m ³ (Ca = carcinogen)		
			OSHA	NIOSH	ACGIH
Silver (Ag)	7440-22-4	VW3500000	0.01 (dust, fume, metal)	0.01 (metal, soluble)	0.1 (metal) 0.01 (soluble)
Aluminum (Al)	7429-90-5	BD0330000	15 (total dust) 5 (respirable)	10 (total dust) 5 (respirable fume) 2 (salts, alkyls)	10 (dust) 5 (powders, fume) 2 (salts, alkyls)
Arsenic (As)	7440-38-2	CG0525000	varies	C 0.002, Ca	0.01, Ca
Barium (Ba)	7440-39-3	CQ8370000	0.5	0.5	0.5
Beryllium (Be)	7440-41-7	DS1750000	0.002, C 0.005	0.0005, Ca	0.002, Ca
Calcium (Ca)	7440-70-2	—	varies	varies	varies
Cadmium (Cd)	7440-43-9	EU9800000	0.005	lowest feasible, Ca	0.01 (total), Ca 0.002 (respir.), Ca
Cobalt (Co)	7440-48-4	GF8750000	0.1	0.05 (dust, fume)	0.02 (dust, fume)
Chromium (Cr)	7440-47-3	GB4200000	0.5	0.5	0.5
Copper (Cu)	7440-50-8	GL5325000	1 (dust, mists) 0.1 (fume)	1 (dust) 0.1 (fume)	1 (dust, mists) 0.2 (fume)
Iron (Fe)	7439-89-6	NO4565500	10 (dust, fume)	5 (dust, fume)	5 (fume)
Potassium (K)	7440-09-7	TS6460000	—	—	—
Lanthanum	7439-91-0	—	—	—	—
Lithium (Li)	7439-93-2	—	—	—	—
Magnesium (Mg)	7439-95-4	OM2100000	15 (dust) as oxide 5 (respirable)	10 (fume) as oxide	10 (fume) as oxide
Manganese (Mn)	7439-96-5	OO9275000	C 5	1; STEL 3	5 (dust) 1; STEL 3 (fume)
Molybdenum (Mo)	7439-98-7	QA4680000	5 (soluble) 15 (total insoluble)	5 (soluble) 10 (insoluble)	5 (soluble) 10 (insoluble)
Nickel (Ni)	7440-02-0	QR5950000	1	0.015, Ca	0.1 (soluble) 1 (insoluble, metal)
Phosphorus (P)	7723-14-0	TH3500000	0.1	0.1	0.1
Lead (Pb)	7439-92-1	OF7525000	0.05	0.05	0.05
Antimony (Sb)	7440-36-0	CC4025000	0.5	0.5	0.5
Selenium (Se)	7782-49-2	VS7700000	0.2	0.2	0.2
Tin (Sn)	7440-31-5	XP7320000	2	2	2
Strontium (Sr)	7440-24-6	—	—	—	—
Tellurium (Te)	13494-80-9	WY2625000	0.1	0.1	0.1
Titanium (Ti)	7440-32-6	XR1700000	—	—	—
Thallium (Tl)	7440-28-0	XG3425000	0.1 (skin) (soluble)	0.1 (skin) (soluble)	0.1 (skin)
Vanadium (V)	7440-62-2	YW2400000	—	C 0.05	—
Tungsten	7440-33-7	—	5	5 10 (STEL)	5 10 (STEL)
Yttrium (Y)	7440-65-5	ZG2980000	1	N/A	1
Zinc (Zn)	7440-66-6	ZG8600000	—	—	—
Zirconium (Zr)	7440-67-7	ZH7070000	5	5, STEL 10	5, STEL 10

TABLE 3. MEASUREMENT PROCEDURES AND DATA [1].
Mixed Cellulose Ester Filters (0.45 µm)

Element (a)	wavelength nm	Est. LOD µg/ Filter	LOD ng/mL	Certified 3x LOD (b)	% Recovery (c)	Percent RSD (N=25)	Certified 10x LOD (b)	% Recovery (c)	Percent RSD (N=25)
Ag	328	0.042	1.7	0.77	102.9	2.64	3.21	98.3	1.53
Al	167	0.115	4.6	1.54	105.4	11.5	6.40	101.5	1.98
As	189	0.140	5.6	3.08	94.9	2.28	12.9	93.9	1.30
Ba	455	0.005	0.2	0.31	101.8	1.72	1.29	97.7	0.69
Be	313	0.005	0.2	0.31	100.0	1.44	1.29	98.4	0.75
Ca	317	0.908	36.3	15.4	98.7	6.65	64.0	100.2	1.30
Cd	226	0.0075	0.3	0.31	99.8	1.99	1.29	97.5	0.88
Co	228	0.012	0.5	0.31	100.8	1.97	1.29	98.4	0.90
Cr	267	0.020	0.8	0.31	93.4	16.3	1.29	101.2	2.79
Cu	324	0.068	2.7	1.54	102.8	1.47	6.40	100.6	0.92
Fe	259	0.095	3.8	1.54	103.3	5.46	6.40	98.0	0.95
K	766	1.73	69.3	23.0	90.8	1.51	96.4	97.6	0.80
La	408	0.048	1.9	0.77	102.8	2.23	3.21	100.1	0.92
Li	670	0.010	0.4	0.31	110.0	1.91	1.29	97.7	0.81
Mg	279	0.098	3.9	1.54	101.1	8.35	6.40	98.0	1.53
Mn	257	0.005	0.2	0.31	101.0	1.77	1.29	94.7	0.73
Mo	202	0.020	0.8	0.31	105.3	2.47	1.29	98.6	1.09
Ni	231	0.020	0.8	0.31	109.6	3.54	1.29	101.2	1.38
P	178	0.092	3.7	1.54	84.4	6.19	6.40	82.5	4.75
Pb	168	0.062	2.5	1.54	109.4	2.41	6.40	101.7	0.88
Sb	206	0.192	7.7	3.08	90.2	11.4	12.9	41.3	32.58
Se	196	0.135	5.4	2.3	87.6	11.6	9.64	84.9	4.78
Sn	189	0.040	1.6	0.77	90.2	18.0	3.21	49	21.79
Sr	407	0.005	0.2	0.31	101.0	1.55	1.29	97.3	0.65
Te	214	0.078	3.1	1.54	102.0	2.67	6.40	97.4	1.24
Ti	334	0.050	2.0	0.77	98.4	2.04	3.21	93.4	1.08
Tl	190	0.092	3.7	1.54	100.9	2.48	6.40	99.1	0.80
V	292	0.028	1.1	0.77	103.2	1.92	3.21	98.3	0.84
W	207	0.075	3.0	1.54	72.2	10.1	6.40	57.6	14.72
Y	371	0.012	0.5	0.31	100.5	1.80	1.29	97.4	0.75
Zn	213	0.310	12.4	4.60	102.2	1.87	19.3	95.3	0.90
Zr	339	0.022	0.9	0.31	88.0	19.4	1.29	25	57.87

- (a) Bold values are qualitative only because of low recovery.
(b) Values are certified by Inorganic Ventures INC. at 3x and 10x the approximate instrumental LOD
(c) Values reported were obtained with a Spectro Analytical Instruments EOP ICP; performance may vary with instrument and should be independently verified.

TABLE 4. MEASUREMENT PROCEDURES AND DATA [1].
Polyvinyl Chloride Filter (5.0 µm)

Element (c)	wavelength nm	Est. LOD µg per filter	LOD ng/mL	Certified 3x LOD (b)	% Recovery (a)	Percent RSD (N=25)	Certified ¹⁷ 10x LOD (b)	% Recovery (a)	Percent RSD (N=25)
Ag	328	0.042	1.7	0.78	104.2	8.20	3.18	81.8	18.9
Al	167	0.115	4.6	1.56	77.4	115.24	6.40	92.9	20.9
As	189	0.140	5.6	3.10	100.7	5.13	12.70	96.9	3.2
Ba	455	0.005	0.2	0.31	102.4	3.89	1.270	99.8	2.0
Be	313	0.005	0.2	0.31	106.8	3.53	1.270	102.8	2.1
Ca	317	0.908	36.3	15.6	68.1	12.66	64.00	96.8	5.3
Cd	226	0.0075	0.3	0.31	105.2	5.57	1.27	101.9	2.8
Co	228	0.012	0.5	0.31	109.3	4.67	1.27	102.8	2.8
Cr	267	0.020	0.8	0.31	109.4	5.31	1.27	103.4	4.1
Cu	324	0.068	2.7	1.56	104.9	5.18	6.40	101.8	2.4
Fe	259	0.095	3.8	1.56	88.7	46.82	6.40	99.1	9.7
K	766	1.73	69.3	23.4	96.4	4.70	95.00	99.2	2.2
La	408	0.048	1.9	0.78	45.5	4.19	3.18	98.8	2.6
Li	670	0.010	0.4	0.31	107.7	4.80	1.27	110.4	2.7
Mg	279	0.098	3.9	1.56	54.8	20.59	6.40	64.5	5.7
Mn	257	0.005	0.2	0.31	101.9	4.18	1.27	99.3	2.4
Mo	202	0.020	0.8	0.31	106.6	5.82	1.27	98.1	3.8
Ni	231	0.020	0.8	0.31	111.0	5.89	1.27	103.6	3.2
P	178	0.092	3.7	1.56	101.9	17.82	6.40	86.5	10.4
Pb	168	0.062	2.5	1.56	109.6	6.12	6.40	103.2	2.9
Sb	206	0.192	7.7	3.10	64.6	22.54	12.70	38.1	30.5
Se	196	0.135	5.4	2.30	83.1	26.23	9.50	76.0	17.2
Sn	189	0.040	1.6	0.78	85.7	27.29	3.18	52.0	29.4
Sr	407	0.005	0.2	0.31	71.8	4.09	1.27	81.2	2.7
Te	214	0.078	3.1	1.56	109.6	7.49	6.40	97.3	3.8
Ti	334	0.050	2.0	0.78	101.0	9.46	3.18	92.4	5.5
Tl	190	0.092	3.7	1.56	110.3	4.04	6.40	101.9	2.0
V	292	0.028	1.1	0.78	108.3	3.94	3.18	102.5	2.6
W	207	0.075	3.0	1.56	74.9	15.79	6.40	44.7	19.6
Y	371	0.012	0.5	0.31	101.5	3.63	1.27	101.4	2.5
Zn	213	0.310	12.4	4.70	91.0	68.69	19.1	101.0	9.6
Zr	339	0.022	0.9	0.31	70.7	54.20	1.27	40.4	42.1

- (a) Values reported were obtained with a Spectro Analytical Instruments EOP ICP; performance may vary with instrument and should be independently verified.
- (b) Values are certified by Inorganic Ventures INC. at 3x and 10x the approximate instrumental LOD [12].
- (c) Bold values are qualitative only because of low recovery. Other digestion techniques may be more appropriate for these elements and their compounds.

SAMPLING TRACKING LOG

Sample ID	Cluster #	Location Description	Sample Date	Sample Type	Shipping Date	Analytical Results Date
G238-CLUSTER-12-OILTANK-WALL-1-12206	12	Interior Tank wall	12/12/2006	Wipe	12/12/2006	12/14/2006
G238-CLUSTER-12-OILTANK-WALL-2-12206	12	Interior Tank wall	12/12/2006	Wipe	12/12/2006	12/14/2006
G238-CLUSTER-12-TANK-CONCRETE-SWWALL-121406	12	Tank Pad Concrete sample	12/14/2006	CON	12/14/2006	12/22/2006
G238-CLUSTER-12-TANK-CONCRETE-EWALL-121406	12	Tank Pad Concrete sample	12/14/2006	CON	12/14/2006	12/22/2006
G238-OILTANK-SOLIDS-1-121906	12	Interior Tank sludge mixture	12/19/2006	SO	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-2-121906	12	Interior Tank sludge mixture	12/19/2006	SO	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-4-121906	12	Interior Tank sludge mixture	12/19/2006	SO	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-4-121906	12	Interior Tank sludge mixture	12/19/2006	SO	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-WALL-1-122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
G238-OILTANK-SOLIDS-WALL-2-122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
G238-OILTANK-SOLIDS-WALL-3-122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
G238-OILTANK-SOLIDS-WALL-4-122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
Bldg 14-Wall-Comp	11	Bldg interior wall above grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 14-Floor-Comp	11	Bldg interior floor slab on grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 12-Floor-comp	7	Bldg interior floor slab on grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 11-Floor-comp	7	Bldg interior floor slab on grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 10-Rags-comp	6	Rags left behind in 10A	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 5-SW-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5-SW-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5-Walls	3	Bldg interior wall above grade	2/15/2007	SOLID	2/15/2007	
Bldg 5A-SAW-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5A-SAE-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5A-Walls	3	Bldg interior wall above grade	2/15/2007	SOLID	2/15/2007	
Bldg 8-8W-Floor	4	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	3/2/2007
Bldg 8-8E-Floor	4	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	3/2/2007
Bldg 8-Walls	4	Bldg interior wall above grade	2/15/2007	SOLID	2/15/2007	3/2/2007
Bldg 12-Walls	7	Bldg interior wall above grade	2/15/2007	SOLID	2/15/2007	
CD-WW-14-021907-001	11	21k Gallon Adler Water Tank from Bld 14 Excavations	2/19/2007	WW	2/19/2007	3/7/2007
CD-SO-14N-001	11	Bld 14 Soils adjacent to Foundation Below Grade	3/14/2007	SO	3/14/2007	4/12/2007
CD-SO-14S-002	11	Bld 14 Soils adjacent to Foundation Below Grade	3/14/2007	SO	3/14/2007	4/12/2007
CD-SO-14E-003	11	Bld 14 Soils adjacent to Foundation Below Grade	3/14/2007	SO	3/14/2007	4/12/2007
CD-SO-14W-004	11	Bld 14 Soils adjacent to Foundation Below Grade	3/14/2007	SO	3/14/2007	4/12/2007

Memorandum

To: Pat Nejand- USACE COR
CC: G-238 Health and Safety File
From: Steven Wilson- SES-SSHO
Date: 29th January 2007
Re: Worker exposure air monitoring results for week ending 5th January 2007

Attached is the personnel air monitoring results for PCB and Lead samples collected during the Cluster 12 Oil Tank demolition. The air samples were collected on January 4th and 5th 2007. Air samples were collected in the breathing zone for the operator performing the tank demolition.

The air samples were collected in accordance with NIOSH test methods 5503 for PCBs and 7300 for lead. The samples were analyzed by Galson Laboratories located in East Syracuse, New York.

The results of the air samples collected were well below the OSHA PEL for the contaminants of concern.



Mr. Paul Jung
Sevenson Environmental Services
333 Hamilton Blvd.
South Plainfield, NJ 07080

January 12, 2007

DOH ELAP# 11626

Account# 10127

Login# L145902

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 08, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.


Sincerely,

Galson Laboratories

A handwritten signature in black ink, appearing to read "F. Joseph Unangst". The signature is fluid and cursive, written over a few lines.

F. Joseph Unangst
Laboratory Director

Enclosure(s)


GALSON
LABORATORIES
6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Severson Environmental Services
Site : CORNELL-DUBILLIER
Project No. : G238
Date Sampled : 04-JAN-07 - 05-JAN-07 Account No.: 10127
Date Received : 08-JAN-07 Login No. : L145902
Date Analyzed : 09-JAN-07
Report ID : 524864

Lead

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
010407-OPER	L145902-4	290.0	<0.38	<0.001
010507-OPER	L145902-5	904.0	<0.38	<0.0004
LAB BLANK	L145902-6	NA	<0.38	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.38 ug	Submitted by: cd
Analytical Method : mod. NIOSH 7300; ICP	Approved by : LS
OSHA PEL (TWA) : 0.05 mg/m3	Date : 10-JAN-07 NYS DOH # : 11626
Collection Media : Filter	QC by: Tony D'Amico

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



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LABORATORY ANALYSIS REPORT

Client : Severson Environmental Services
Site : CORNELL-DUBILLIER
Project No. : G238
Date Sampled : 04-JAN-07 - 05-JAN-07 Account No.: 10127
Date Received : 08-JAN-07 Login No. : L145902
Date Analyzed : 09-JAN-07
Report ID : 524878

Polychlorinated Biphenyls

Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3	ppm
010407-OPER	L145902-1	59.2	<0.05	<0.05	<0.06	<0.0010	NA
010507-OPER	L145902-2	88.2	<0.05	<0.05	<0.06	<0.00068	NA
LAB BLANK	L145902-3	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.06 ug
Analytical Method : mod. NIOSH 5503; GC/ECD
OSHA PEL (TWA) : NA
Collection Media : Filter & Tube

Submitted by: MJ/NP
Approved by : rjw
Date : 12-JAN-07 NYS DOH # : 11626
QC by: Tony D'Amico

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Severson Environmental Services
Site : CORNELL-DUBILLIER
Project No. : G238

Date Sampled : 04-JAN-07-05-JAN-07 Account No.: 10127
Date Received: 08-JAN-07 Login No. : L145902
Date Analyzed: 09-JAN-07

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L145902 (Report ID: 524864) : SOPs: im-icp(6), im-mwvflt(4)
Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.

L145902 (Report ID: 524878) : SOPs: ig-pcbn5503(2)
Total ug corrected for a desorption efficiency of 90%.

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



New Client ? ☐ yes
☒ no

Phone No. : 908 769 5301
Fax No. : 908 769 5303

Phone No. : 716 284 0431
Fax No. : 716 284 1796

Sampled By : *Jun 16 / u/m/soul*

☐ Samples submitted using the FreeSamplingBadges™ Program.

Card Holder Name : _____ Exp. : _____

Email / Fax Results To: Paul Jung
Email Address: PJung@SENSEnet.com

Fax No. :

[illegible]

☒ Yes ☐ No We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".

List description of industry or process / interference's present in sampling area:

Comments:

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by:	Paul Jung	Paul Jung	05 JAN 07 1500
Received by LAB:	Lee S. Johnson	Lee S. Johnson	11 8107 11:33AM

Login # : 145902

Samples received after 3pm will be considered as next day's business.

* sample collection time X LPM = Air Vol.

EAST ORIGINAL

Mr. Paul Jung
Sevenson Environmental Services
333 Hamilton Blvd.
South Plainfield, NJ 07080

January 24, 2007

DOH ELAP# 11626

Account# 10127

Login# L146359

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 18, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

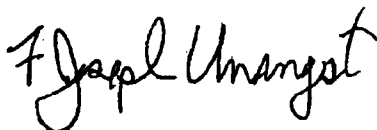
Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories



F. Joseph Unangst
Laboratory Director

Enclosure(s)

LABORATORY ANALYSIS REPORT

**GALSON**
LABORATORIES6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.comClient : Severson Environmental Services
Site : Cornell-Dubilier
Project No. : G238
Date Sampled : 15-JAN-07
Date Received : 18-JAN-07
Date Analyzed : 20-JAN-07
Report ID : 525574Account No.: 10127
Login No. : L146359**Polychlorinated Biphenyls**

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Front</u> <u>ug</u>	<u>Back</u> <u>ug</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>	<u>ppm</u>
011507-LAB	L146359-1	31.8	<0.05	<0.05	<0.06	<0.0019	NA
LAB BLANK	L146359-2	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.Level of quantitation: 0.06 ug
Analytical Method : mod. NIOSH 5503; GC/ECD
OSHA PEL (TWA) : NA
Collection Media : Filter & TubeSubmitted by: mj/np
Approved by : rjw
Date : 24-JAN-07 NYS DOH # : 11626
QC by: Tom Burgess

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	


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LABORATORIES

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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Severson Environmental Services
Site : Cornell-Dubilier
Project No. : G238

Date Sampled : 15-JAN-07
Date Received: 18-JAN-07
Date Analyzed: 20-JAN-07

Account No.: 10127
Login No. : L146359

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L146359 (Report ID: 525574) : SOPs: ig-pcbn5503(2)

Total ug corrected for a desorption efficiency of 90%

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



New Client ? ☐ yes
☒ no

Site Name : Cornell-Dublier Project : G 238

Phone No. : 716 284 0431
Fax No. : 716 284 1796

Sampled By: Wilson

<input checked="" type="checkbox"/>	5 Business Days	0%
<input type="checkbox"/>	4 Business Days	35%
<input type="checkbox"/>	3 Business Days	50%
<input type="checkbox"/>	2 Business Days	75%
<input type="checkbox"/>	Next Day by 6pm	100%
<input type="checkbox"/>	Next Day by Noon	150%
<input type="checkbox"/>	Same day	200%

Client Account No. : 10127
Purchase Order No. : 6288
Credit Card No. : _____

Card Holder Name : Exp. :

Email / Fax Results To: STEVE WILSON / JUNK
Email Address: LARGOX2033X@MSU.COM
PJUNK@SEVENSON.COM

Fax No. :

[illegible]

☐ **Yes** ☐ **No** We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".

List description of industry or process / interference's present in sampling area:

Comments:

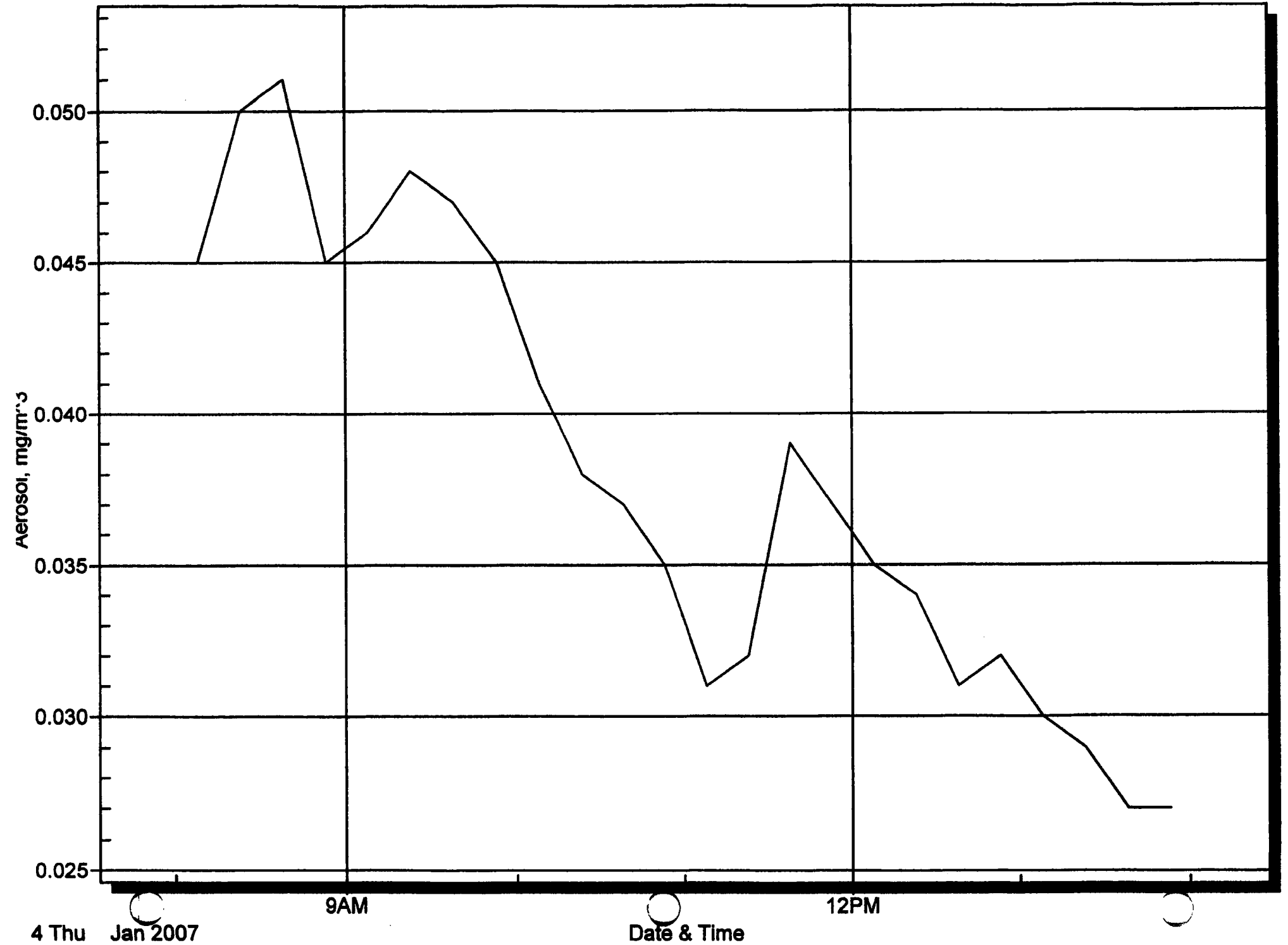
Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Paul Juh	Paul Juh	16 Jun 07 / 1500
Received by LAB :	Paul Juh	Paul Juh	11/2/07 11:25

Login #: 2146359 Samples received after 3pm will be considered as next day's business.

* sample collection time X LPM = Air Vol.

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: Up Wind

Start time: 09:58:22 01/04/2007 Stop time: 13:43:22 01/04/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.034

TWA (8hr): 0.016
Start Time 09:58:22
Start Date 01/04/2007
End Time 13:43:22

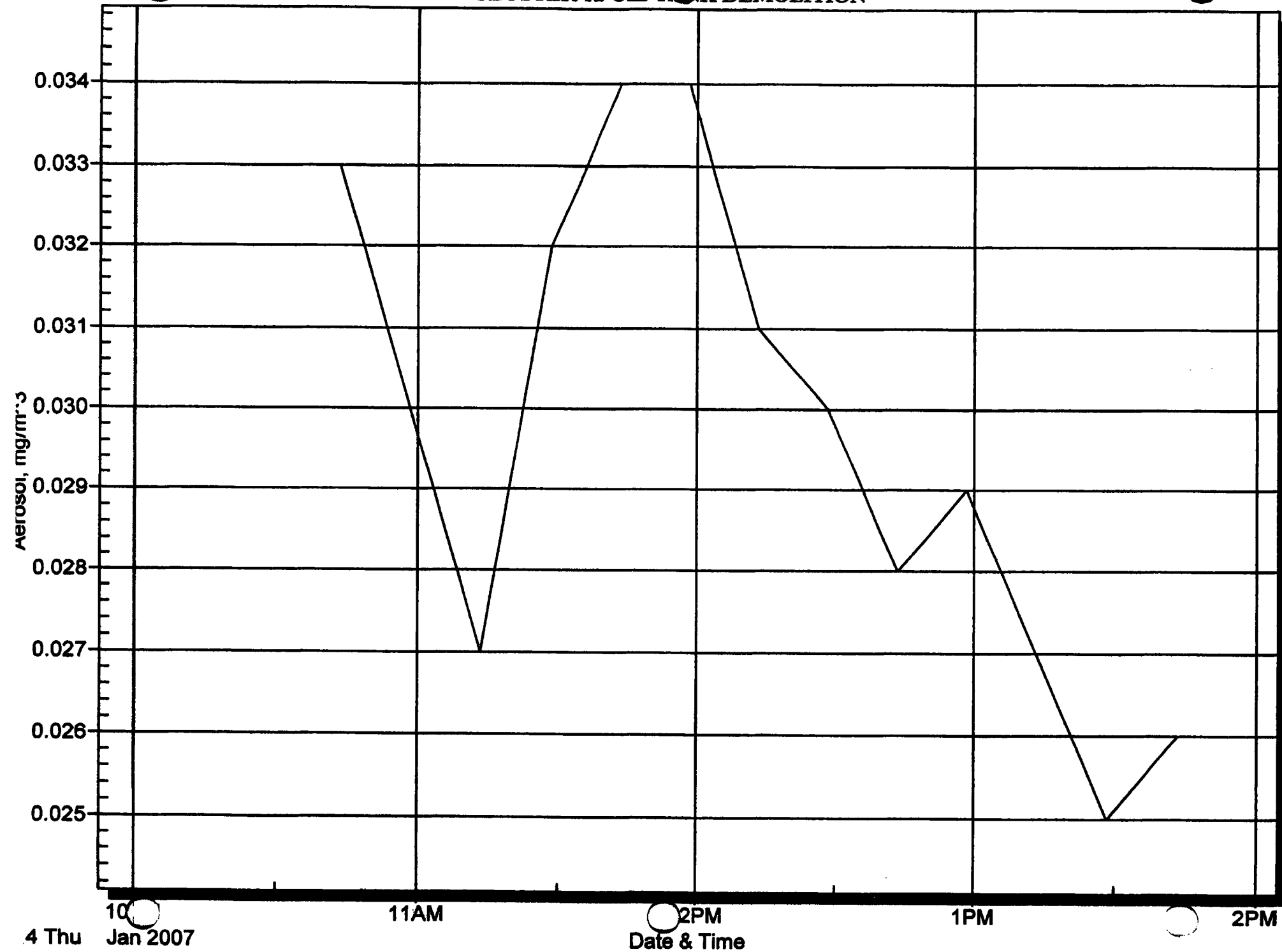
Minimum: 0.027
Time 13:37:56
Date 01/04/2007

Maximum: 0.041
Time 10:07:56
Date 01/04/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: EAST

Start time: 09:58:22 01/04/2007 Stop time: 13:43:22 01/04/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.030

TWA (8hr): 0.014
Start Time 09:58:22
Start Date 01/04/2007
End Time 13:43:22

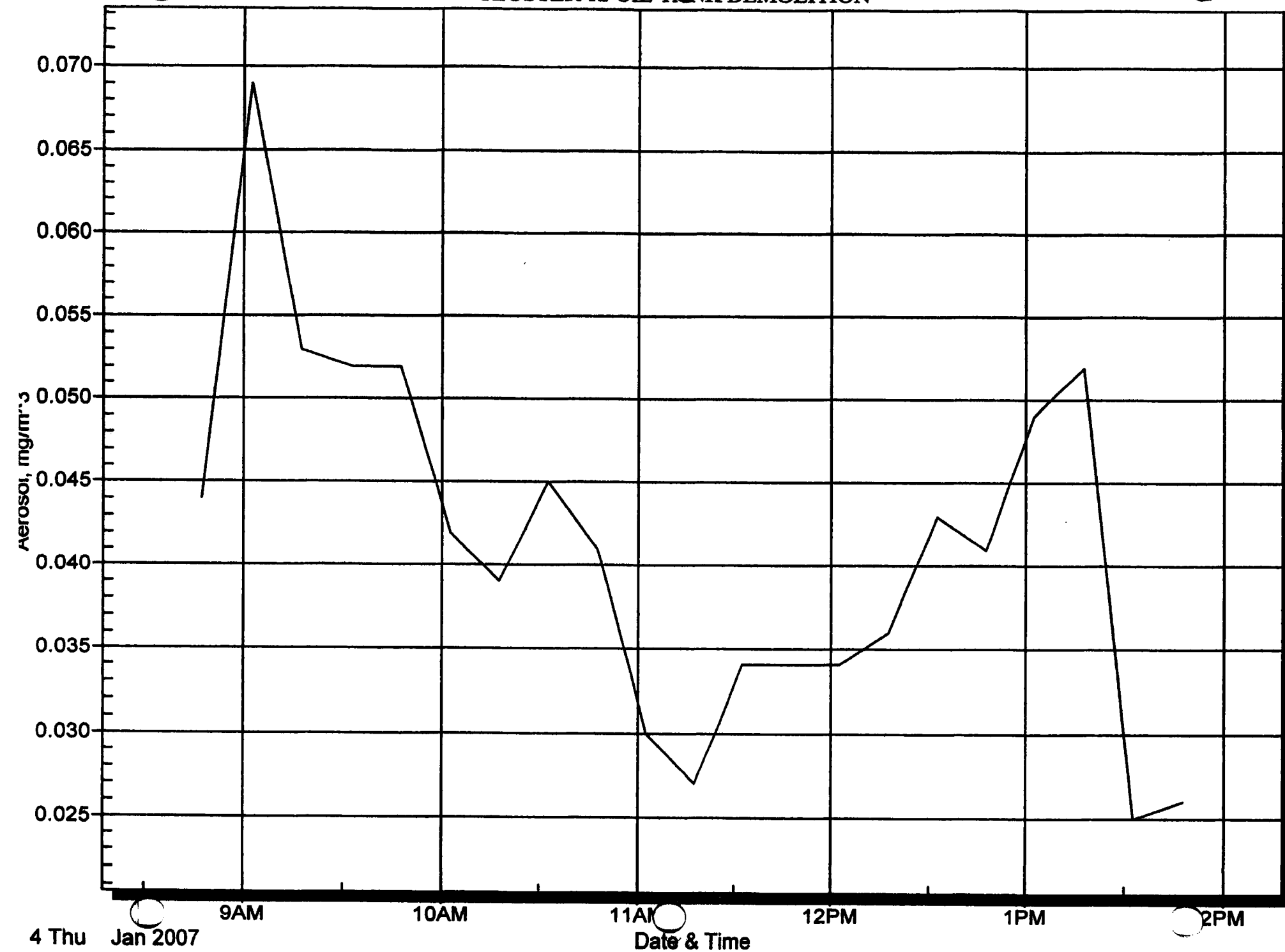
Minimum: 0.025
Time 13:28:22
Date 01/04/2007

Maximum: 0.034
Time 11:43:22
Date 01/04/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: N. West

Start time: 09:58:22 01/04/2007 Stop time: 13:43:22 01/04/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.038

TWA (8hr): 0.018
Start Time 09:58:22
Start Date 01/04/2007
End Time 13:43:22

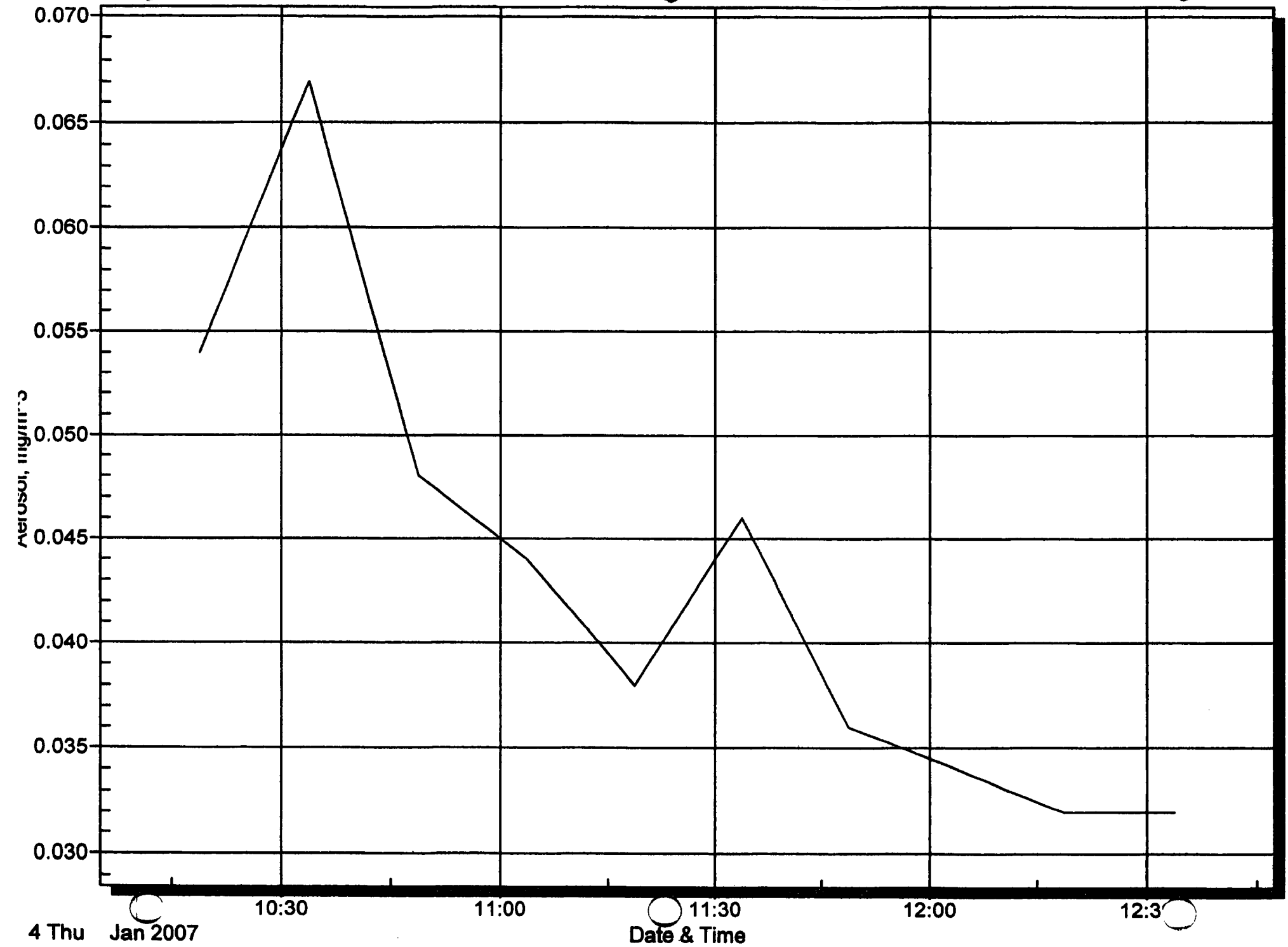
Minimum: 0.025
Time 13:32:32
Date 01/04/2007

Maximum: 0.052
Time 13:17:32
Date 01/04/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: S. East

Start time: 10:03:44 01/04/2007 Stop time: 12:33:44 01/04/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.043

TWA (8hr): 0.013
Start Time 10:03:44
Start Date 01/04/2007
End Time 12:33:44

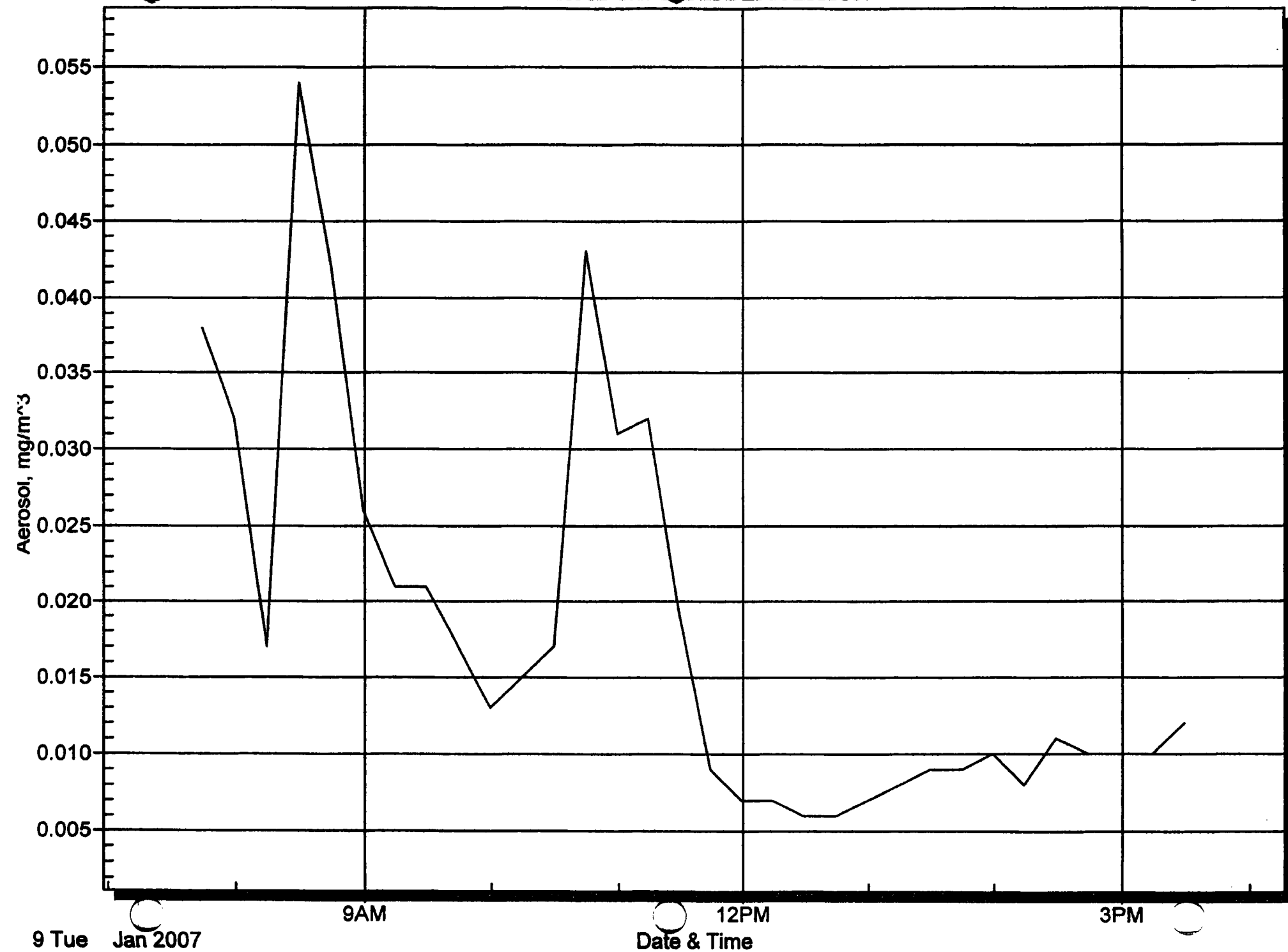
Minimum: 0.032
Time 12:18:44
Date 01/04/2007

Maximum: 0.067
Time 10:33:44
Date 01/04/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: Up Wind

Start time: 07:29:15 01/09/2007 Stop time: 15:29:15 01/09/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.018

TWA (8hr): 0.018
Start Time 07:29:15
Start Date 01/09/2007
End Time 15:29:15

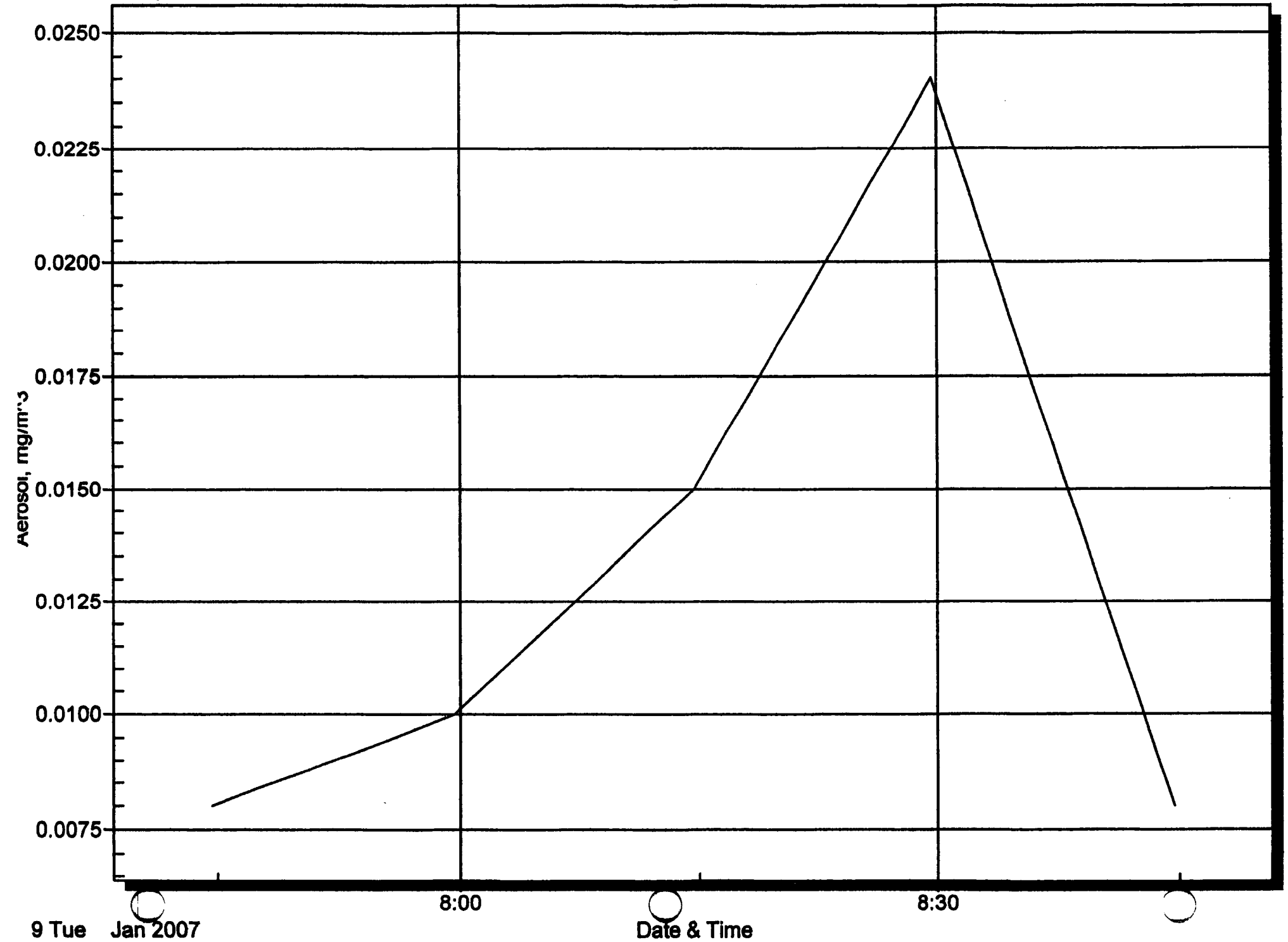
Minimum: 0.006
Time 12:29:15
Date 01/09/2007

Maximum: 0.054
Time 08:29:15
Date 01/09/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: North

Start time: 07:29:40 01/09/2007 Stop time: 08:44:40 01/09/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.013

TWA (8hr): 0.002
Start Time 07:29:40
Start Date 01/09/2007
End Time 08:44:40

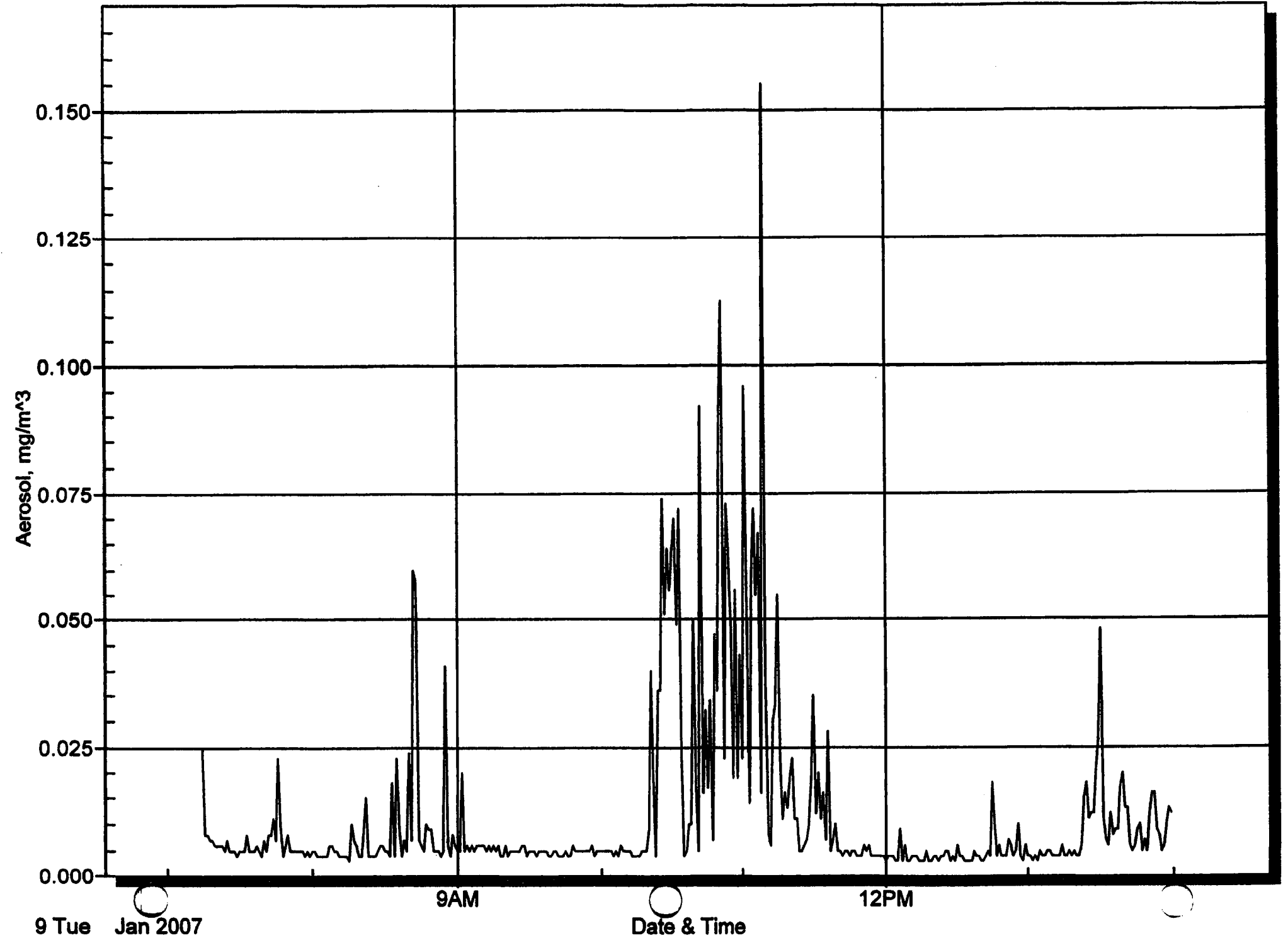
Minimum: 0.008
Time 07:44:40
Date 01/09/2007

Maximum: 0.024
Time 08:29:40
Date 01/09/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: South

Start time: 07:13:51 01/09/2007 Stop time: 13:58:51 01/09/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.012

TWA (8hr): 0.010
Start Time 07:13:51
Start Date 01/09/2007
End Time 13:58:51

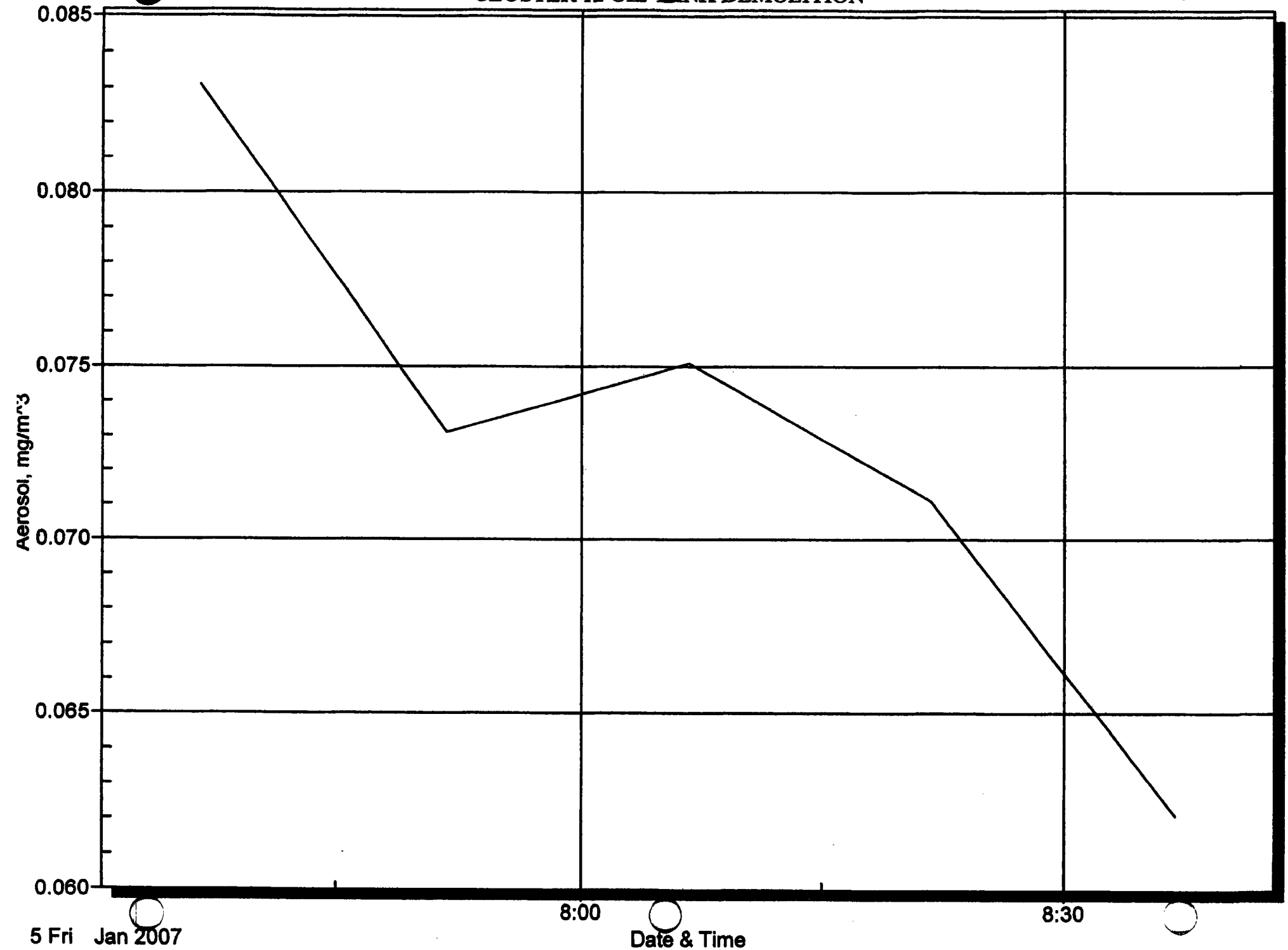
Minimum: 0.003
Time 08:14:51
Date 01/09/2007

Maximum: 0.155
Time 11:08:51
Date 01/09/2007

Log interval: 00:01:00
hh:mm:ss

SES CORNELL DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: Up Wind

Start time: 07:21:45 01/05/2007 Stop time: 08:36:45 01/05/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.073

TWA (8hr): 0.011
Start Time 07:21:45
Start Date 01/05/2007
End Time 08:36:45

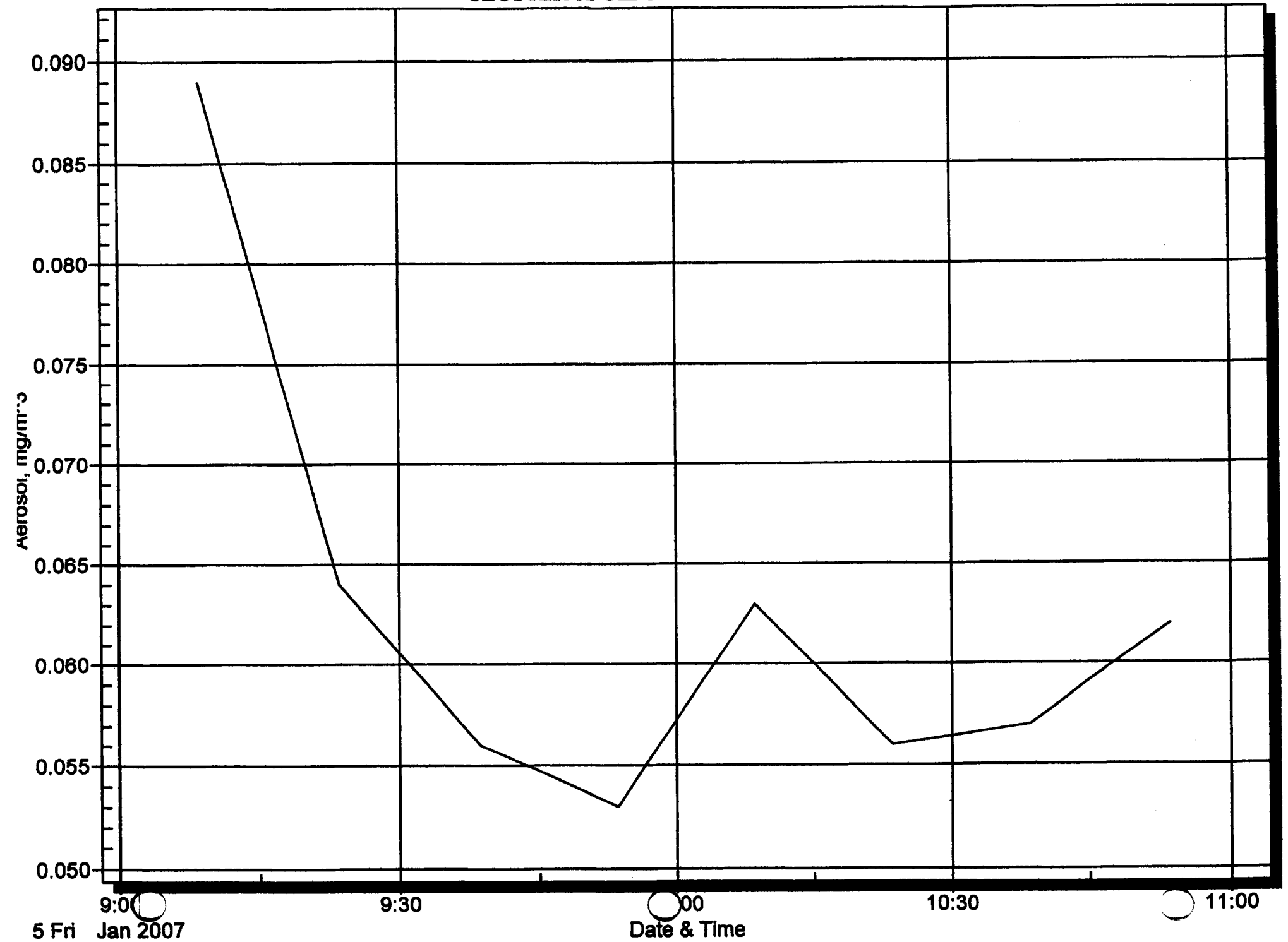
Minimum: 0.062
Time 08:36:45
Date 01/05/2007

Maximum: 0.083
Time 07:36:45
Date 01/05/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: West

Start time: 08:53:36 01/05/2007 Stop time: 10:53:36 01/05/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.063

TWA (8hr): 0.016
Start Time 08:53:36
Start Date 01/05/2007
End Time 10:53:36

Minimum: 0.053
Time 09:53:36
Date 01/05/2007

Maximum: 0.089
Time 09:08:36
Date 01/05/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: South

Start time: 07:18:45 01/05/2007 Stop time: 08:33:45 01/05/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.081

TWA (8hr): 0.013
Start Time 07:18:45
Start Date 01/05/2007
End Time 08:33:45

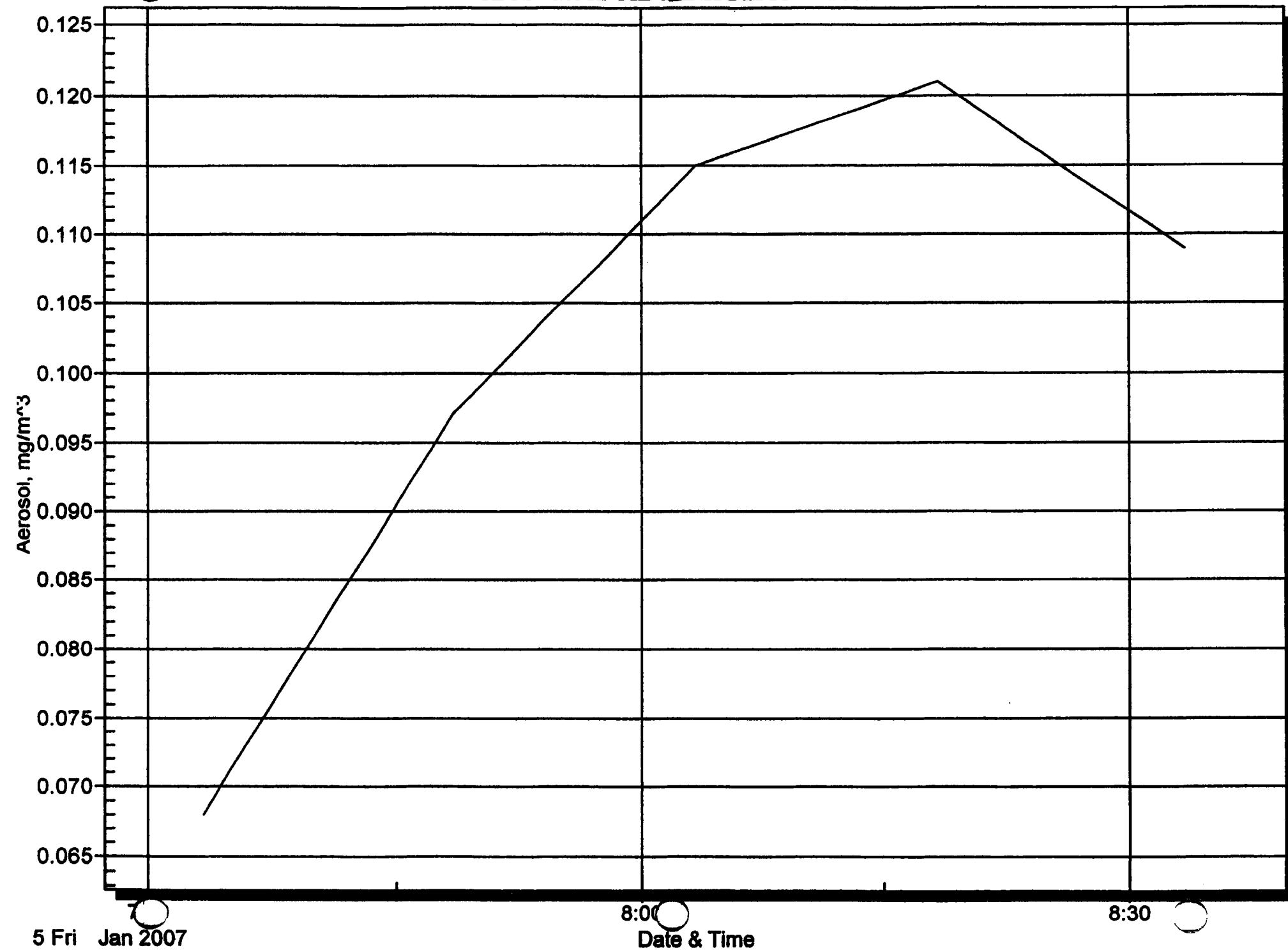
Minimum: 0.069
Time 07:33:45
Date 01/05/2007

Maximum: 0.087
Time 08:03:45
Date 01/05/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK DEMOLITION



Current Graph: North

Start time: 07:18:22 01/05/2007 Stop time: 08:33:22 01/05/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.102

TWA (8hr): 0.016
Start Time 07:18:22
Start Date 01/05/2007
End Time 08:33:22

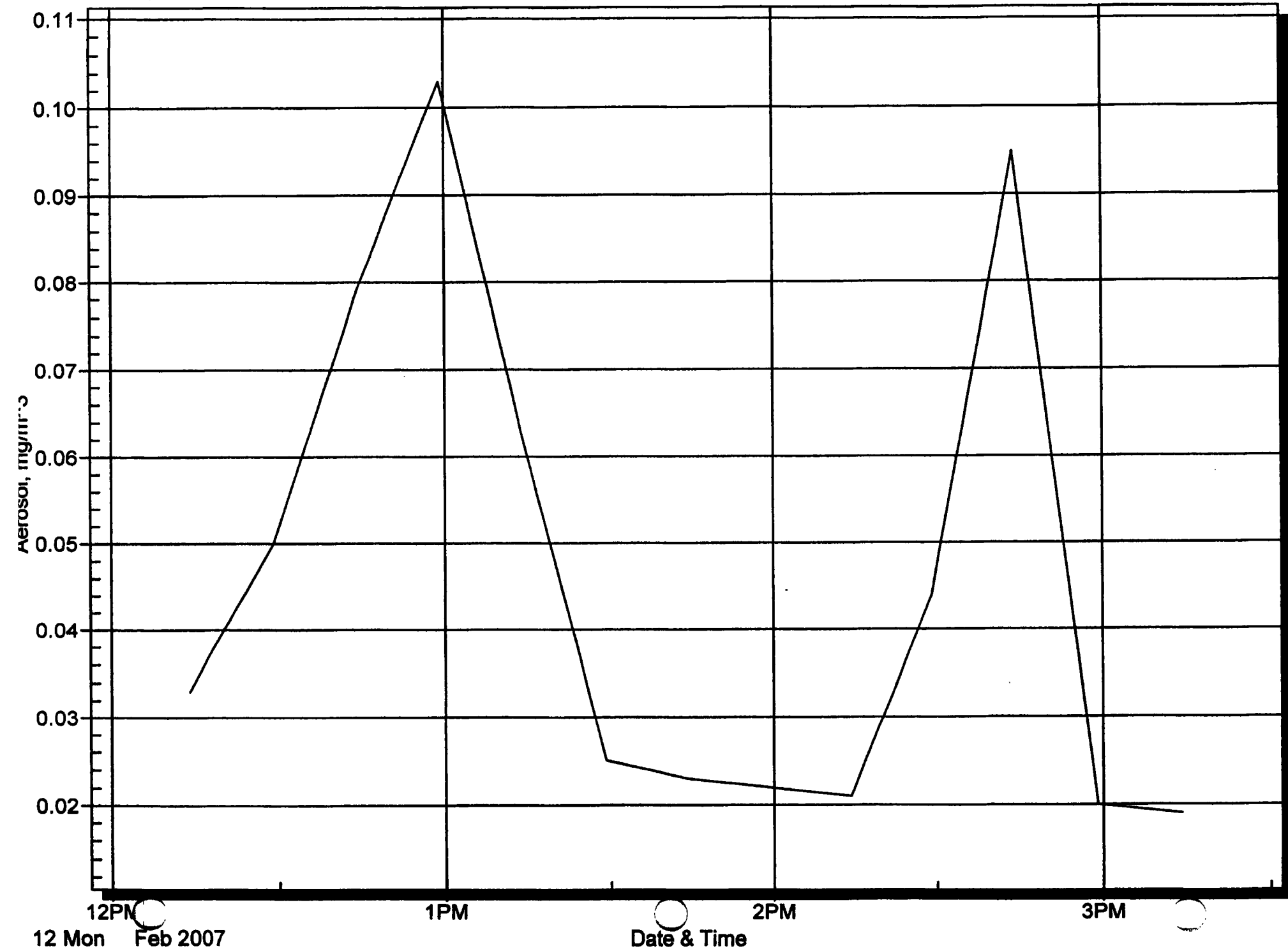
Minimum: 0.068
Time 07:33:22
Date 01/05/2007

Maximum: 0.121
Time 08:18:22
Date 01/05/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAWMILL OPERATIONS



Current Graph: N. East

Start time: 11:59:05 02/12/2007 Stop time: 15:14:05 02/12/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.046

TWA (8hr): 0.019
Start Time 11:59:05
Start Date 02/12/2007
End Time 15:14:05

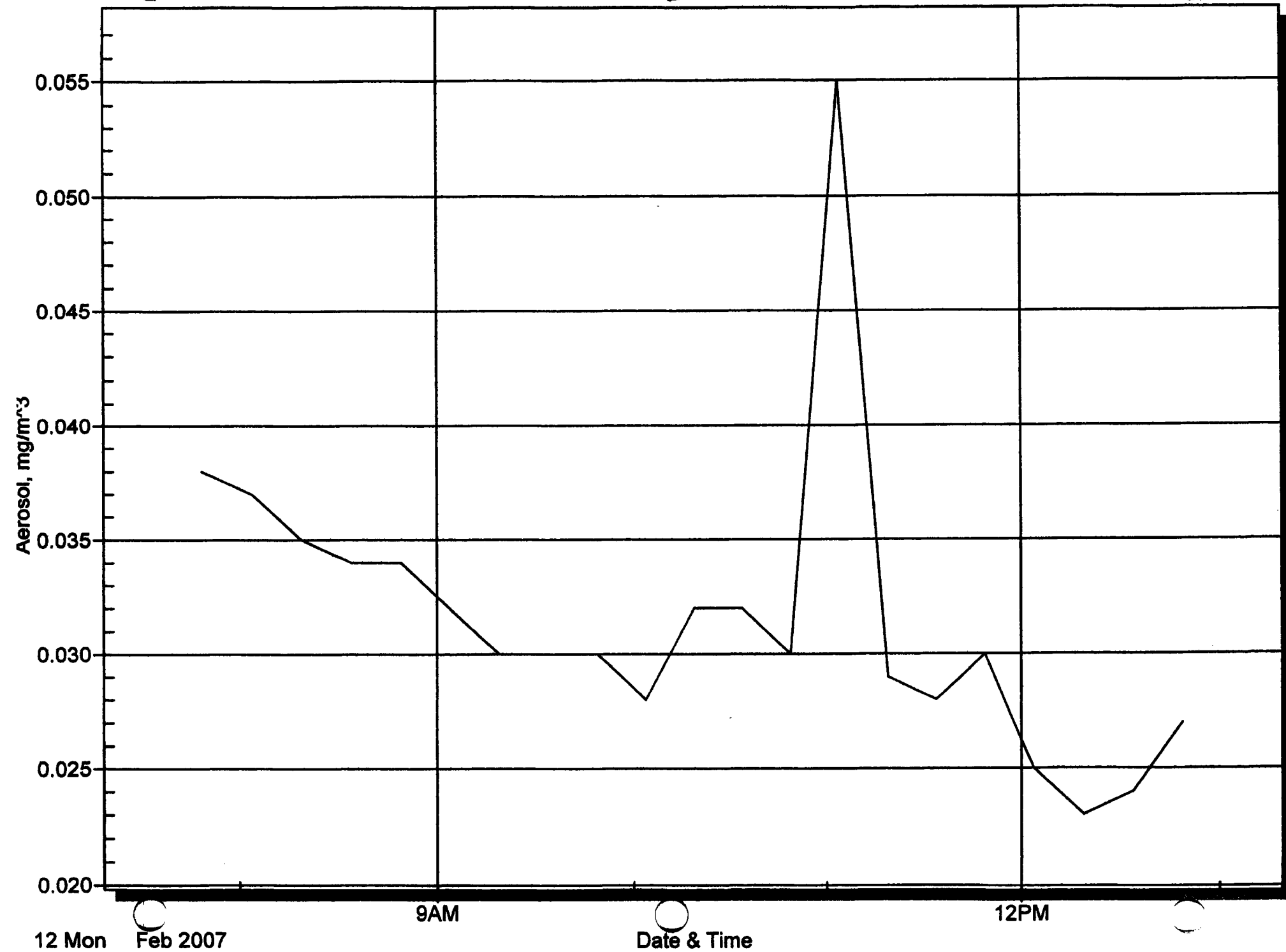
Minimum: 0.019
Time 15:14:05
Date 02/12/2007

Maximum: 0.103
Time 12:59:05
Date 02/12/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAWMILL OPERATIONS



Current Graph: West

Start time: 07:33:47 02/12/2007 Stop time: 12:48:47 02/12/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.032

TWA (8hr): 0.021
Start Time 07:33:47
Start Date 02/12/2007
End Time 12:48:47

Minimum: 0.023
Time 12:18:47
Date 02/12/2007

Maximum: 0.055
Time 11:03:47
Date 02/12/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAWT OPERATIONS



Current Graph: Up Wind

Start time: 07:36:02 02/12/2007 Stop time: 15:06:02 02/12/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.024

TWA (8hr): 0.023
Start Time 07:36:02
Start Date 02/12/2007
End Time 15:06:02

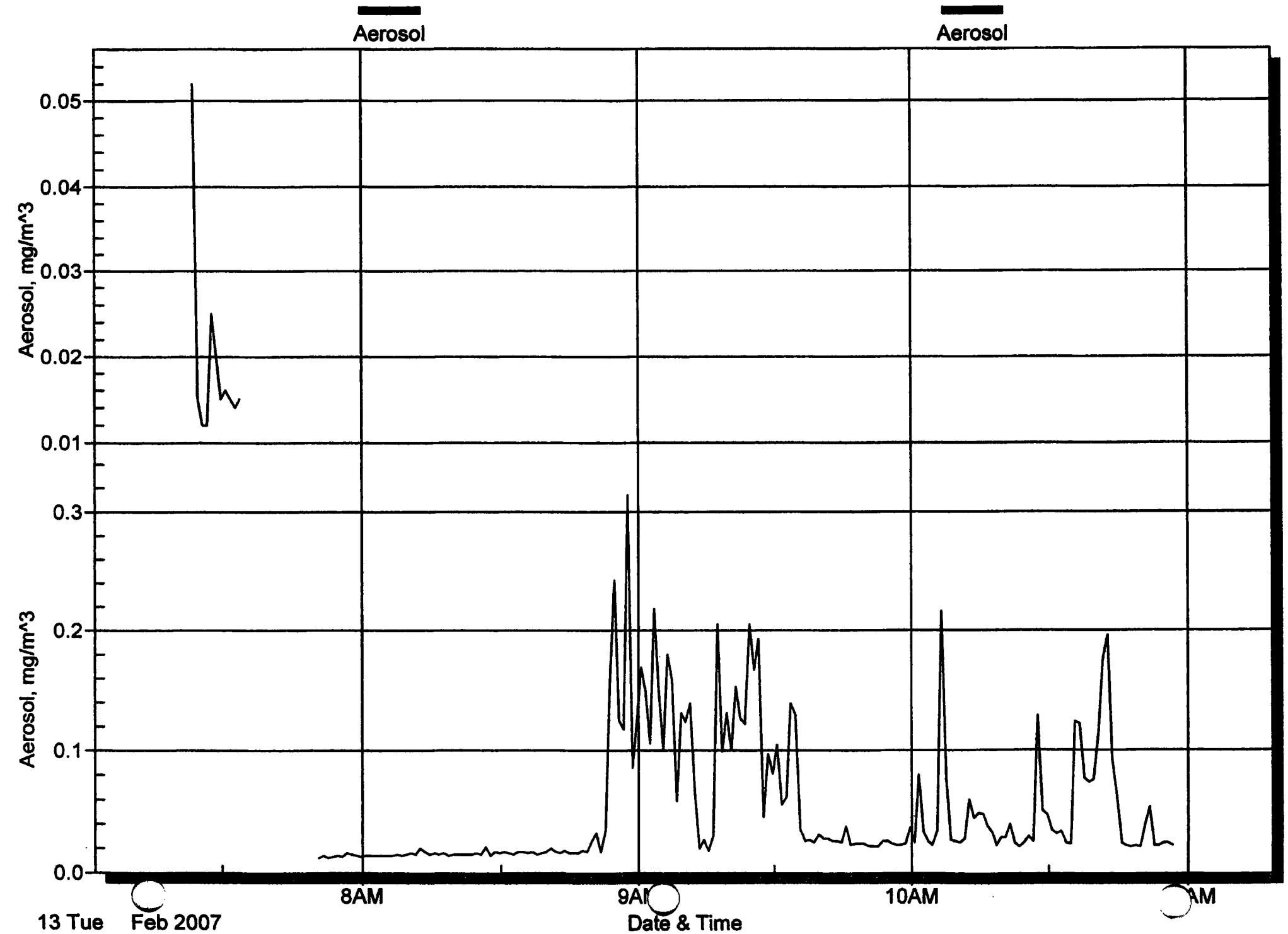
Minimum: 0.018
Time 15:06:02
Date 02/12/2007

Maximum: 0.033
Time 07:51:02
Date 02/12/2007

Log interval: 00:15:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAWCUT OPERATIONS



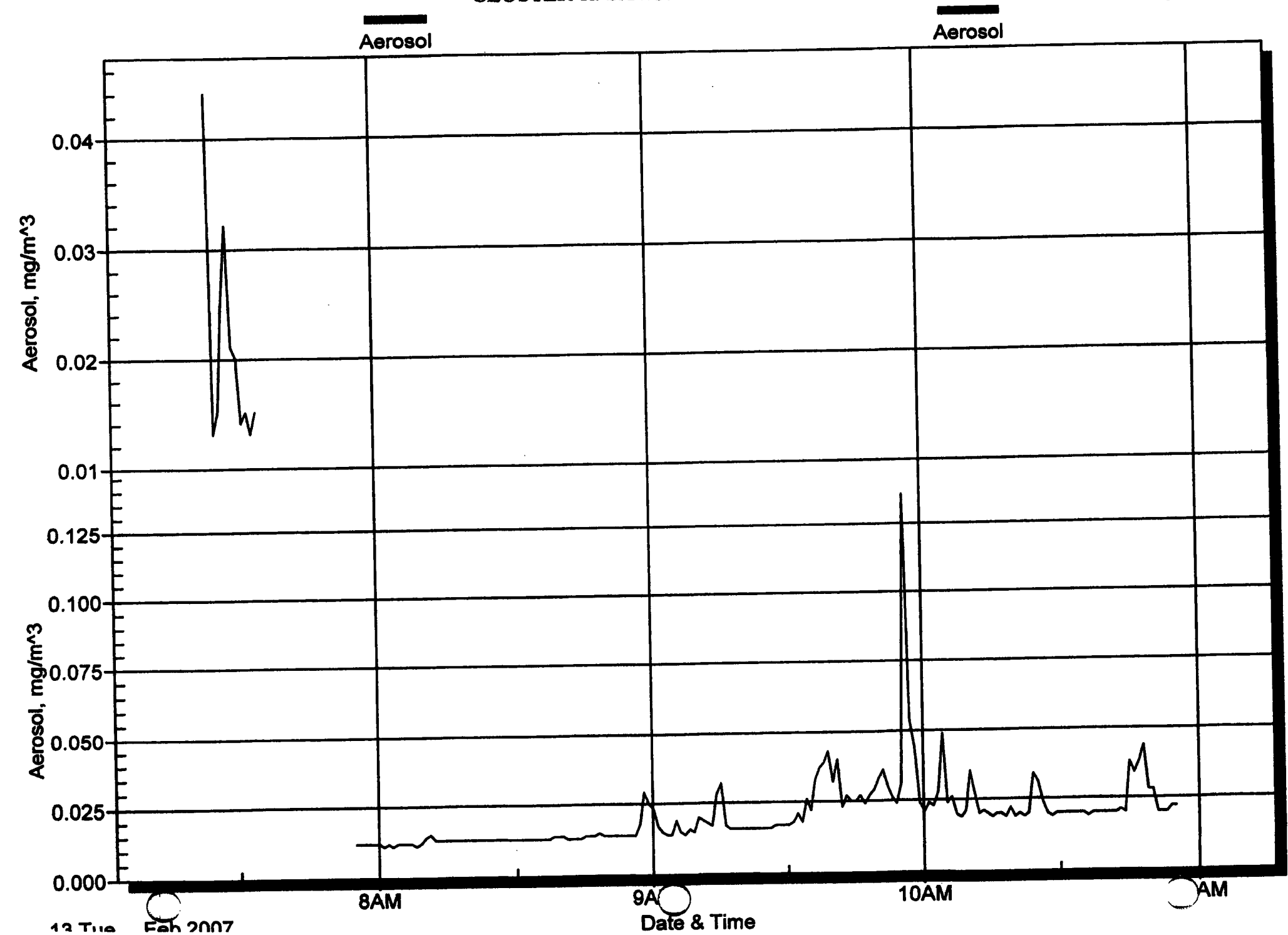
Current Graph: West

Start time: 07:22:52 02/13/2007 Stop time: 10:56:39 02/13/2007

Legend:	Aerosol	Aerosol
Channel:	Aerosol	Aerosol
(Units)	mg/m ³	mg/m ³
Average:	0.019	0.053
TWA (8hr):	0.000	0.021
Start Time	07:22:52	07:22:52
Start Date	02/13/2007	02/13/2007
End Time	10:56:39	10:56:39
Minimum:	0.012	0.012
Time	07:25:52	07:50:39
Date	02/13/2007	02/13/2007
Maximum:	0.052	0.314
Time	07:23:52	08:57:39
Date	02/13/2007	02/13/2007
Log interval:	00:01:00	00:01:00
hh:mm:ss		

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAWCUT OPERATIONS



Current Graph: East

Start time: 07:23:20 02/13/2007 Stop time: 10:55:09 02/13/2007

Legend:	Aerosol	Aerosol
Channel:	Aerosol	Aerosol
(Units)	mg/m ³	mg/m ³
Average:	0.021	0.021
TWA (8hr):	0.000	0.008
Start Time	07:23:20	07:23:20
Start Date	02/13/2007	02/13/2007
End Time	10:55:09	10:55:09
Minimum:	0.013	0.011
Time	07:25:20	08:01:09
Date	02/13/2007	02/13/2007
Maximum:	0.044	0.136
Time	07:24:20	09:56:09
Date	02/13/2007	02/13/2007
Log interval:	00:01:00	00:01:00
hh:mm:ss		

12PM
Date & Time

30

Current Graph: South

Start time: 08:18:59 02/23/2007 Stop time: 14:58:59 02/23/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.010

TWA (8hr): 0.008
Start Time 08:18:59
Start Date 02/23/2007
End Time 14:58:59

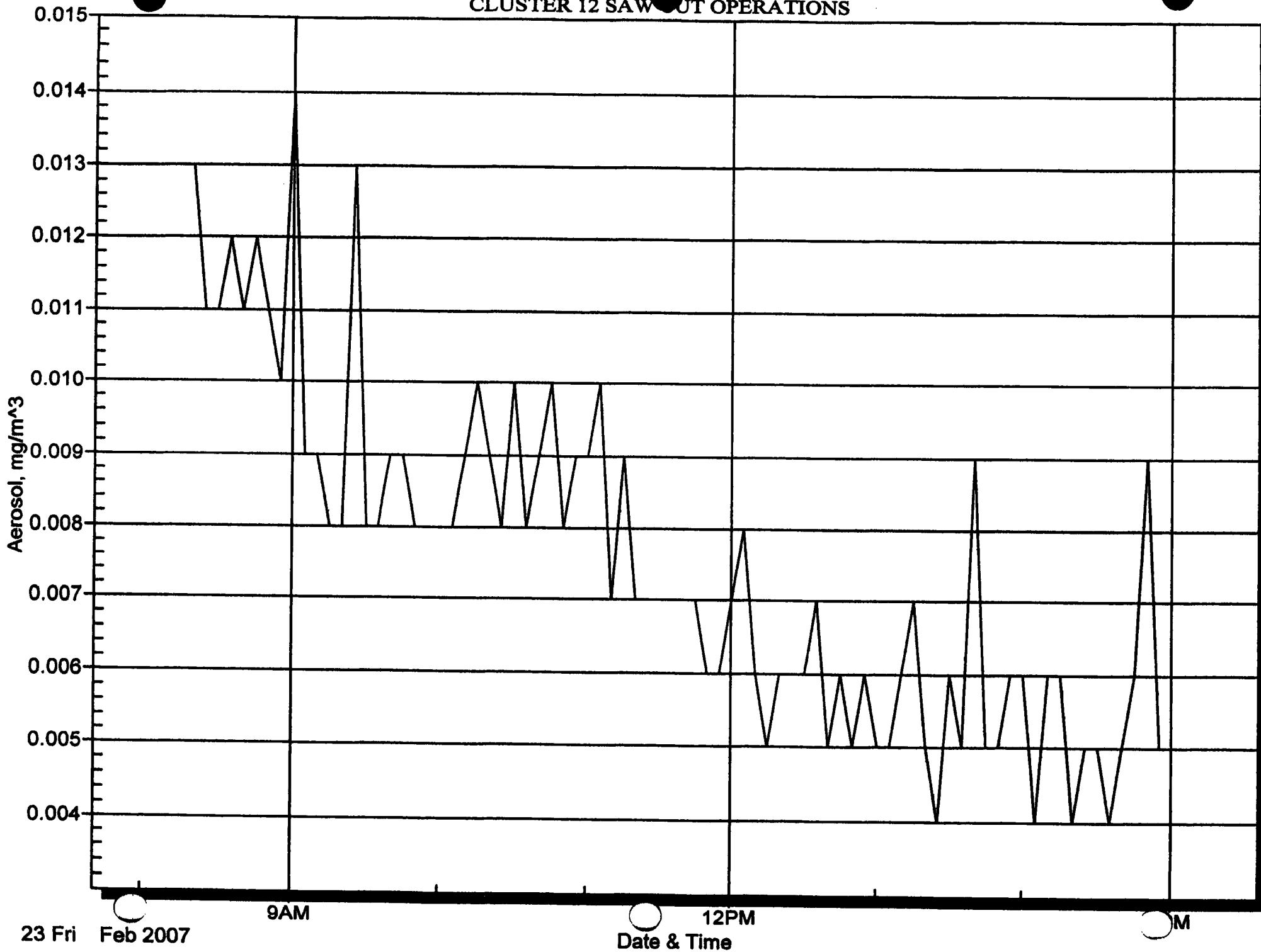
Minimum: 0.004
Time 14:13:59
Date 02/23/2007

Maximum: 0.102
Time 14:58:59
Date 02/23/2007

Log interval: 00:05:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAWT OUT OPERATIONS



Current Graph: Up Wind

Start time: 08:15:09 02/23/2007 Stop time: 14:55:09 02/23/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.008

TWA (8hr): 0.006
Start Time 08:15:09
Start Date 02/23/2007
End Time 14:55:09

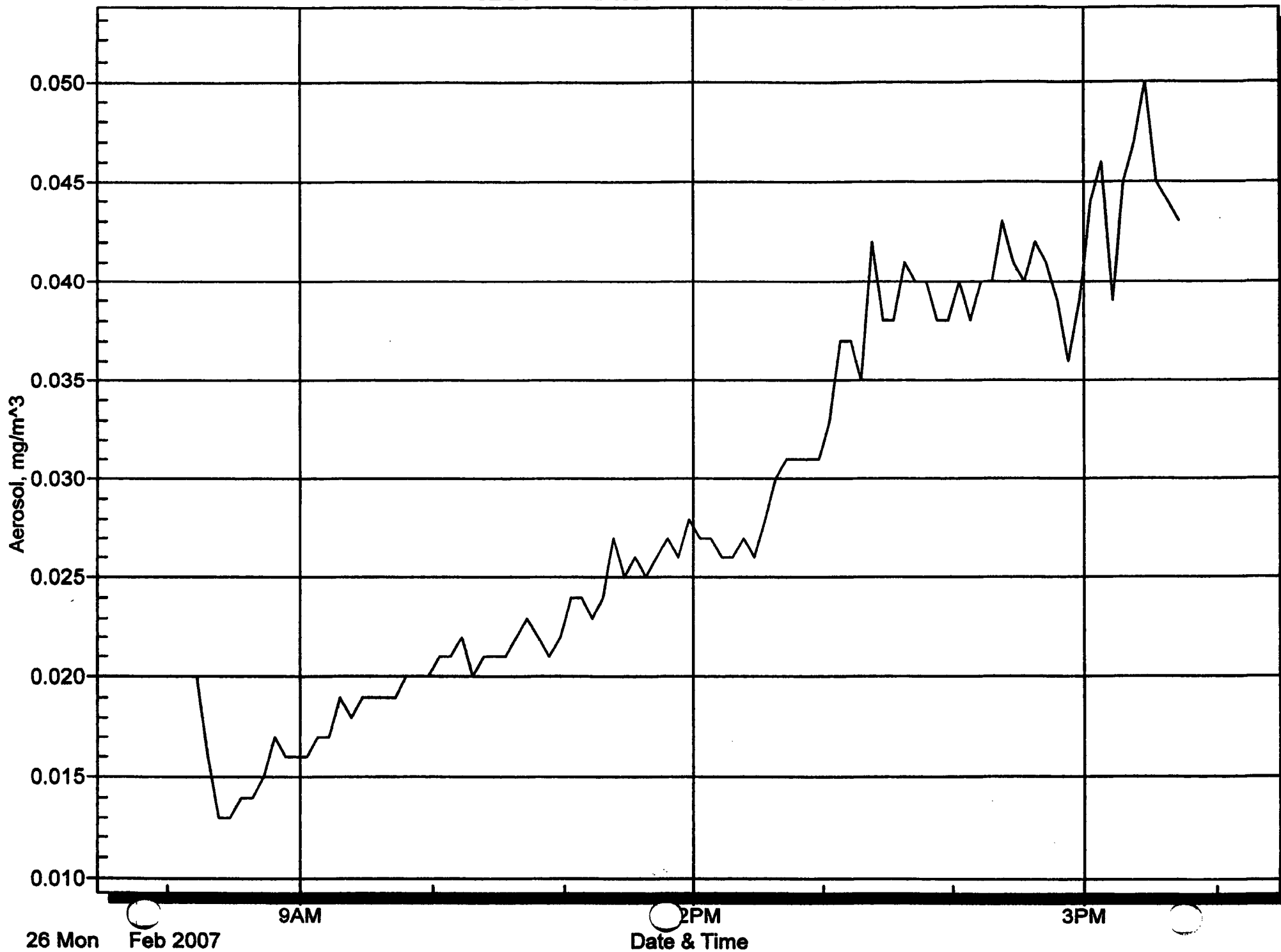
Minimum: 0.004
Time 13:25:09
Date 02/23/2007

Maximum: 0.014
Time 09:00:09
Date 02/23/2007

Log interval: 00:05:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAW CUT OPERATIONS



Current Graph: Up Wind

Start time: 08:08:02 02/26/2007 Stop time: 15:43:02 02/26/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.029

TWA (8hr): 0.027
Start Time 08:08:02
Start Date 02/26/2007
End Time 15:43:02

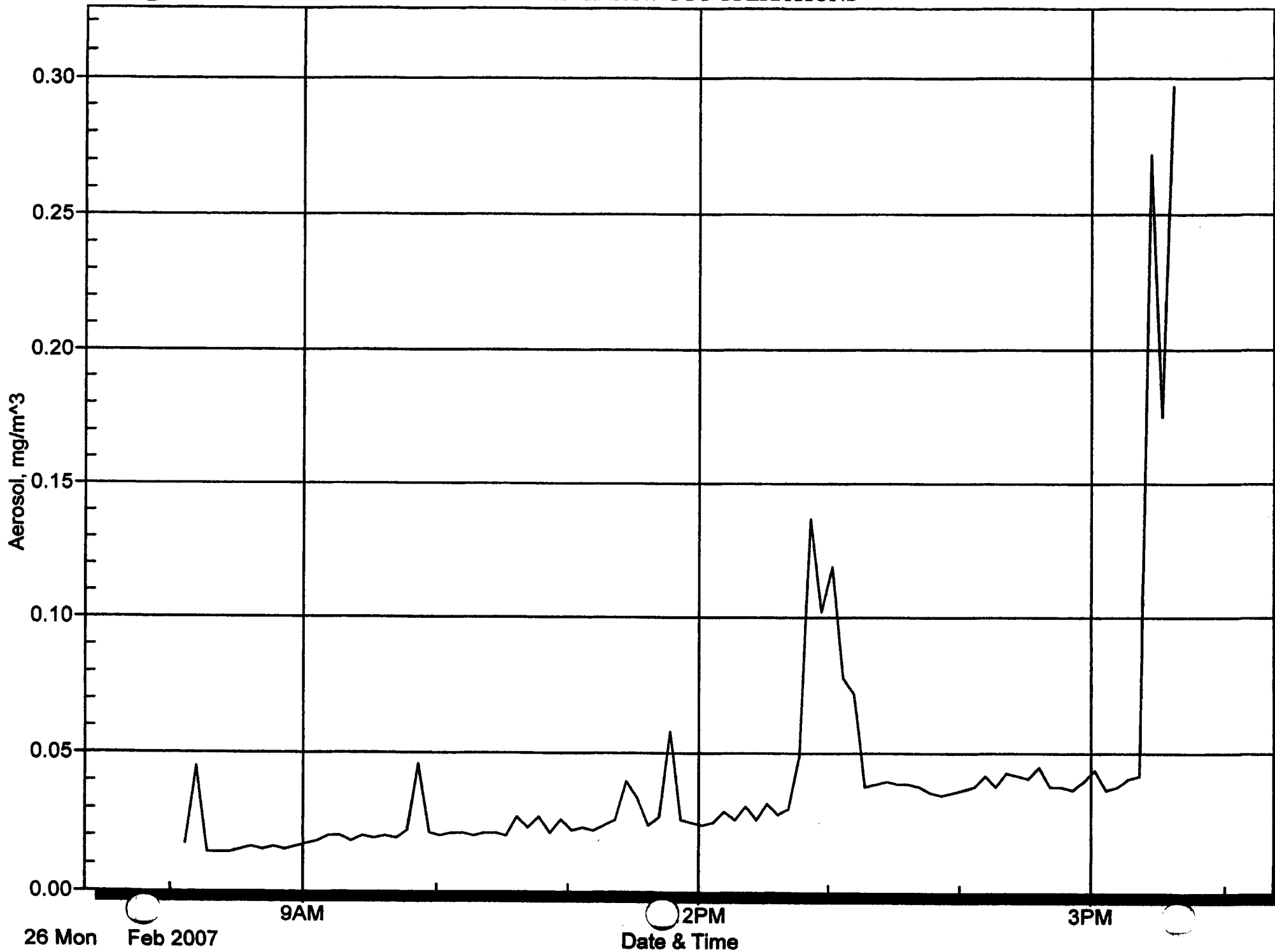
Minimum: 0.013
Time 08:23:02
Date 02/26/2007

Maximum: 0.050
Time 15:28:02
Date 02/26/2007

Log interval: 00:05:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SAWT OPERATIONS



Current Graph: South

Start time: 08:01:38 02/26/2007 Stop time: 15:36:38 02/26/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.040

TWA (8hr): 0.038
Start Time 08:01:38
Start Date 02/26/2007
End Time 15:36:38

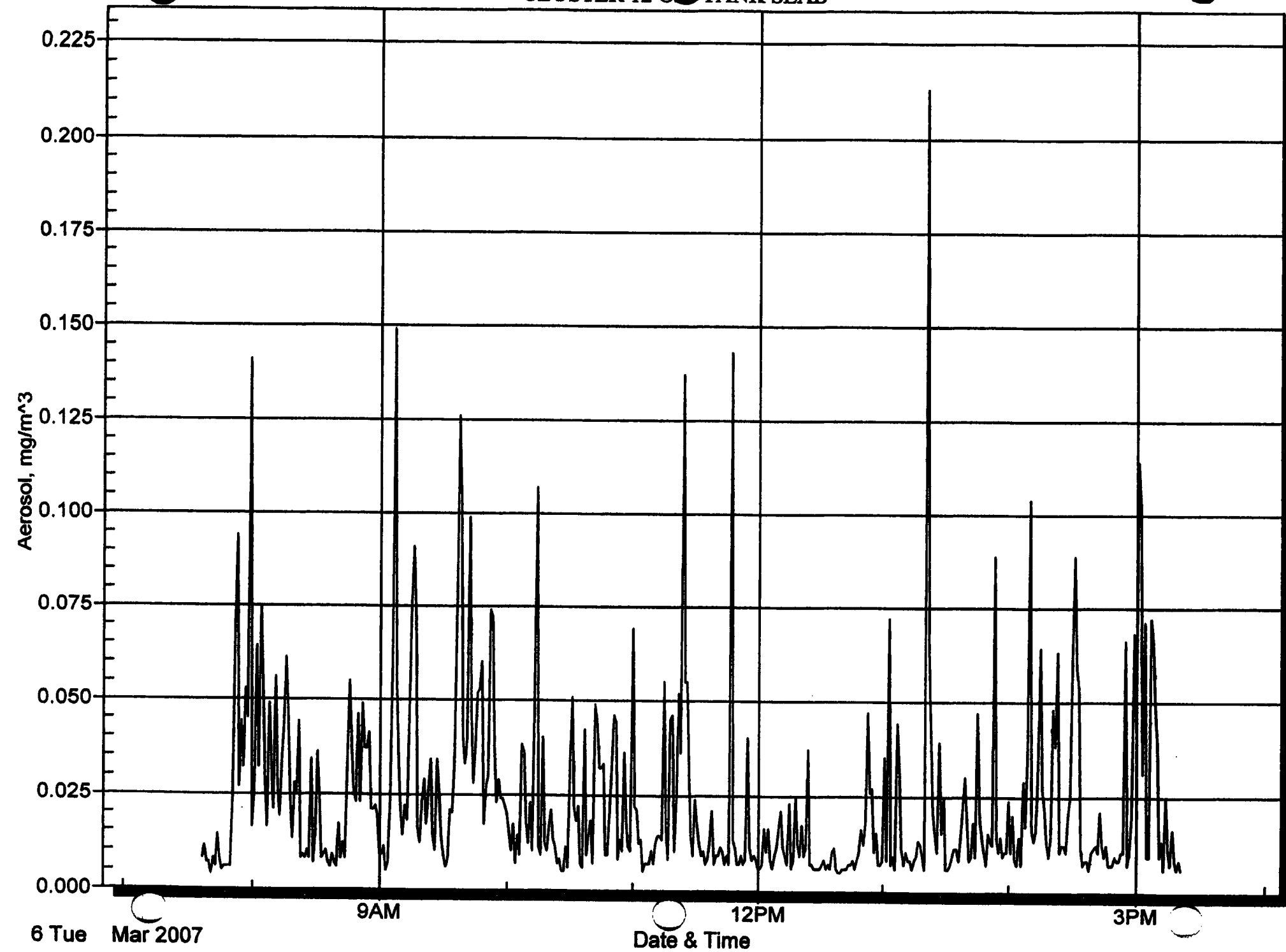
Minimum: 0.014
Time 08:16:38
Date 02/26/2007

Maximum: 0.297
Time 15:36:38
Date 02/26/2007

Log interval: 00:05:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 C TANK SLAB



Current Graph: South Side

Start time: 07:35:45 03/06/2007 Stop time: 15:20:45 03/06/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.024

TWA (8hr): 0.023
Start Time 07:35:45
Start Date 03/06/2007
End Time 15:20:45

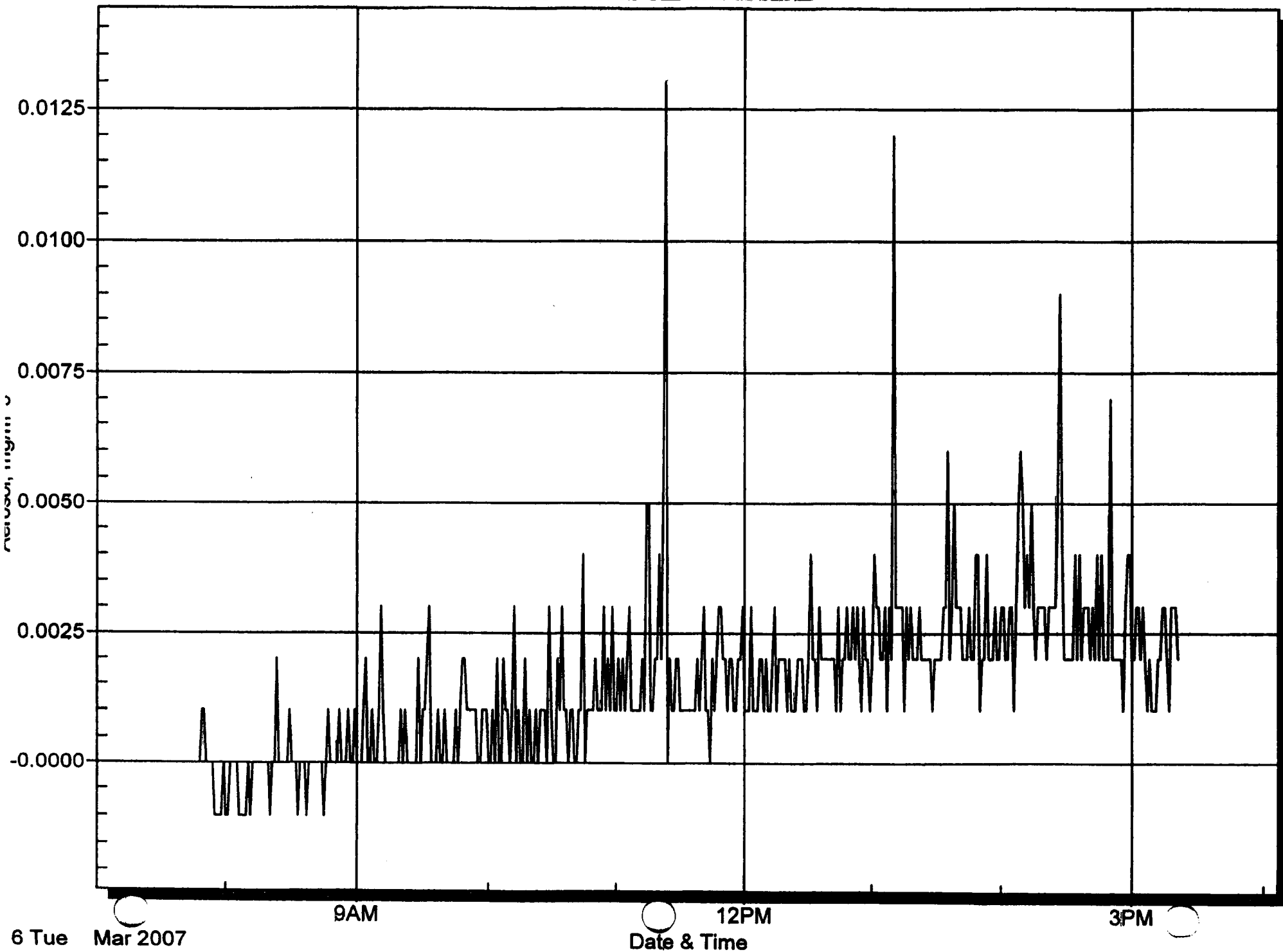
Minimum: 0.004
Time 07:40:45
Date 03/06/2007

Maximum: 0.213
Time 13:20:45
Date 03/06/2007

Log interval: 00:01:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OLD TANK SLAB



Current Graph: Up Wind

Start time: 07:46:05 03/06/2007 Stop time: 15:21:05 03/06/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.002

TWA (8hr): 0.001
Start Time 07:46:05
Start Date 03/06/2007
End Time 15:21:05

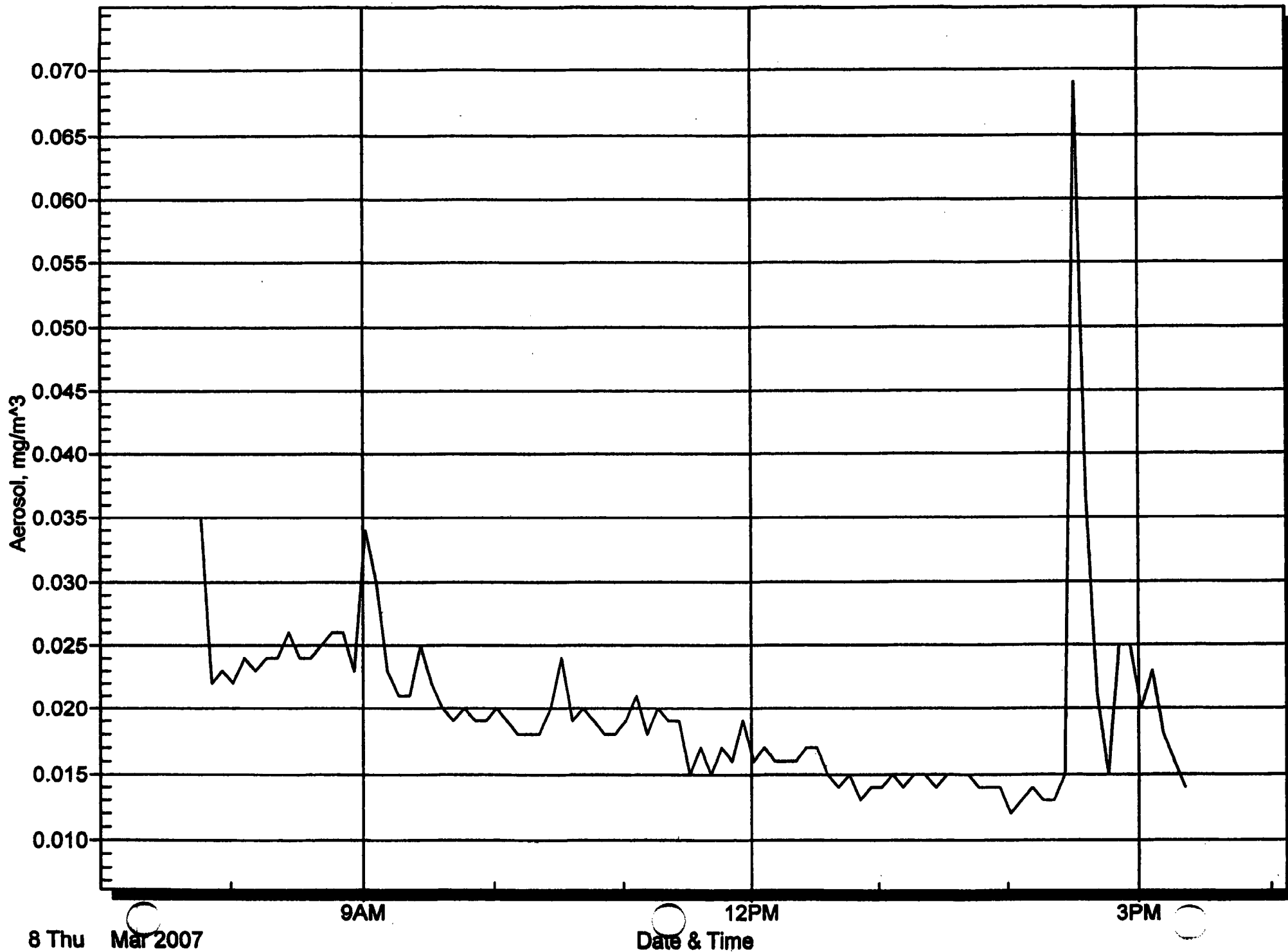
Minimum: -0.001
Time 07:55:05
Date 03/06/2007

Maximum: 0.013
Time 11:23:05
Date 03/06/2007

Log interval: 00:01:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 SLAB OPERATIONS



Current Graph: Down Wind

Start time: 07:41:08 03/08/2007 Stop time: 15:21:08 03/08/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.020

TWA (8hr): 0.019
Start Time 07:41:08
Start Date 03/08/2007
End Time 15:21:08

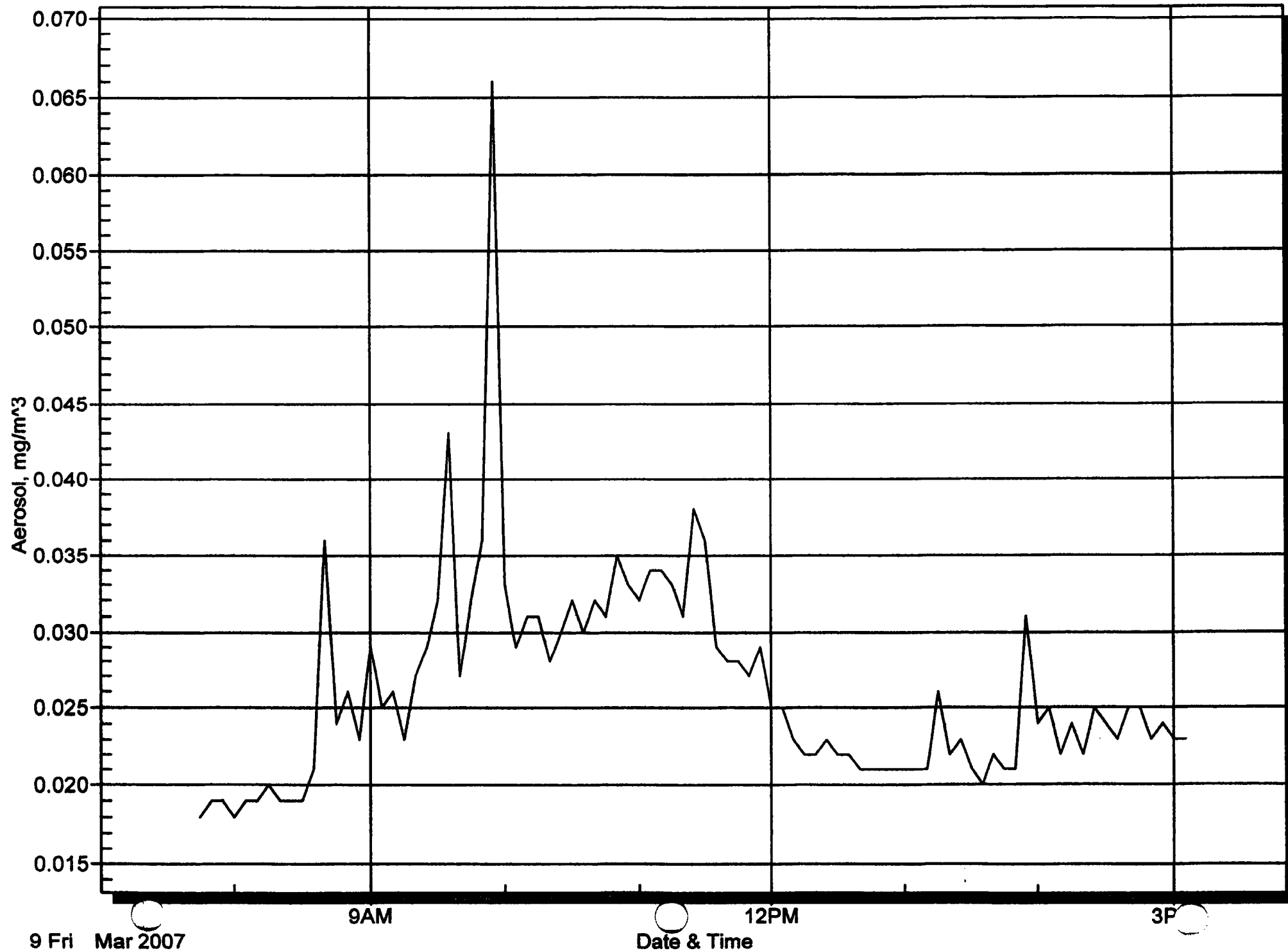
Minimum: 0.012
Time 14:01:08
Date 03/08/2007

Maximum: 0.069
Time 14:31:08
Date 03/08/2007

Log interval: 00:05:00
hh:mm:ss

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING

CLUSTER 12 OIL TANK SLAB



Current Graph: Down Wind

Start time: 07:40:07 03/09/2007 Stop time: 15:05:07 03/09/2007

Legend: Aerosol

Channel: Aerosol
(Units) mg/m³

Average: 0.026

TWA (8hr): 0.024
Start Time 07:40:07
Start Date 03/09/2007
End Time 15:05:07

Minimum: 0.018
Time 07:45:07
Date 03/09/2007

Maximum: 0.066
Time 09:55:07
Date 03/09/2007

Log interval: 00:05:00
hh:mm:ss



Mr. Paul Jung
Sevenson Environmental Services
333 Hamilton Blvd.
South Plainfield, NJ 07080

January 12, 2007

DOH ELAP# 11626

Account# 10127

Login# L145902

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 08, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

A handwritten signature in black ink, appearing to read "F. Joseph Unangst". The signature is fluid and cursive, with the first name "F." and last name "Unangst" clearly distinguishable.

F. Joseph Unangst
Laboratory Director

Enclosure(s)



6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

LABORATORY ANALYSIS REPORT

Client : Severson Environmental Services
Site : CORNELL-DUBILLIER
Project No. : G238
Date Sampled : 04-JAN-07 - 05-JAN-07 Account No.: 10127
Date Received : 08-JAN-07 Login No. : L145902
Date Analyzed : 09-JAN-07
Report ID : 524864

Lead

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
010407-OPER	L145902-4	290.0	<0.38	<0.001
010507-OPER	L145902-5	904.0	<0.38	<0.0004
LAB BLANK	L145902-6	NA	<0.38	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.38 ug
Analytical Method : mod. NIOSH 7300; ICP
OSHA PEL (TWA) : 0.05 mg/m3
Collection Media : Filter

Submitted by: cd
Approved by : LS
Date : 10-JAN-07 NYS DOH # : 11626
QC by: Tony D'Amico

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



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LABORATORY ANALYSIS REPORT

Client : Severson Environmental Services
Site : CORNELL-DUBILLIER
Project No. : G238
Date Sampled : 04-JAN-07 - 05-JAN-07 Account No.: 10127
Date Received : 08-JAN-07 Login No. : L145902
Date Analyzed : 09-JAN-07
Report ID : 524878

Polychlorinated Biphenyls

Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3	ppm
010407-OPER	L145902-1	59.2	<0.05	<0.05	<0.06	<0.0010	NA
010507-OPER	L145902-2	88.2	<0.05	<0.05	<0.06	<0.00068	NA
LAB BLANK	L145902-3	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.06 ug
Analytical Method : mod. NIOSH 5503; GC/ECD
OSHA PEL (TWA) : NA
Collection Media : Filter & Tube
Submitted by: MJ/NP
Approved by : rjw
Date : 12-JAN-07 NYS DOH # : 11626
QC by: Tony D'Amico

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms
> -Greater Than ug -Micrograms l -Liters NS -Not Specified
NA -Not Applicable ND -Not Detected ppm -Parts per Million



New Client ? ☐ yes
☒ no

Phone No. : 908 769 5301
Fax No. : 908 769 5303

Phone No. : 716 284 0431
Fax No. : 716 284 1796

Sampled By : June 6 / Wilson

Need Results By:		(surcharge)	<input checked="" type="checkbox"/> Samples submitted using the FreePumpLoan™ Program. <input type="checkbox"/> Samples submitted using the FreeSamplingBadges™ Program.	
<input checked="" type="checkbox"/>	5 Business Days	0%	Client Account No. :	<u>10127</u>
<input type="checkbox"/>	4 Business Days	35%	Purchase Order No. :	<u>6238</u>
<input type="checkbox"/>	3 Business Days	50%	Credit Card No. :	
<input type="checkbox"/>	2 Business Days	75%	Card Holder Name :	
<input type="checkbox"/>	Next Day by 6pm	100%	Exp. :	
<input type="checkbox"/>	Next Day by Noon	150%	Email / Fax Results To :	<u>Paul Jewb</u>
<input type="checkbox"/>	Same day	200%	Email Address :	<u>PJewb6@SEKUSA.com</u>
			Fax No. :	

[illegible]

☒ Yes ☐ No We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".

List description of industry or process / Interference's present in sampling area:

Comments:

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Paul Juch	Paul Juch	05 JAN 07 1500
Received by LAB :	Lana Schmitt	Lana Schmitt	11 8107 11:33AM

Login # : L145902

Samples received after 3pm will be considered as next day's business.

* sample collection time X LPM = Air Vol.

LAB ORIGINAL



Mr. Paul Jung
Sevenson Environmental Services
333 Hamilton Blvd.
South Plainfield, NJ 07080

January 19, 2007

DOH ELAP# 11626

Account# 10127

Login# L146117

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 12, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

A handwritten signature in black ink, appearing to read "F. Joseph Unangst". The signature is fluid and cursive, with the first and last names being more prominent.

F. Joseph Unangst
Laboratory Director

Enclosure(s)



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LABORATORY ANALYSIS REPORT

Client : Severson Environmental Services
Site : Cornell Dubilier
Project No. : G238
Date Sampled : 09-JAN-07
Date Received : 12-JAN-07
Date Analyzed : 16-JAN-07
Report ID : 525209
Account No.: 10127
Login No. : L146117

Lead

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>
010907-OPER	L146117-4	650	<0.38	<0.0006
LAB BLANK	L146117-5	NA	<0.38	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.38 ug	Submitted by: PF
Analytical Method : mod. NIOSH 7300; ICPMS	Approved by : LS
OSHA PEL (TWA) : 0.05 mg/m3	Date : 17-JAN-07 NYS DOH # : 11626
Collection Media : Filter	QC by: Tony D'Amico

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



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LABORATORY ANALYSIS REPORT

Client : Severson Environmental Services
Site : Cornell Dubilier
Project No. : G238
Date Sampled : 09-JAN-07 - 10-JAN-07 Account No.: 10127
Date Received : 12-JAN-07 Login No. : L146117
Date Analyzed : 17-JAN-07
Report ID : 525363

Polychlorinated Biphenyls

Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3	ppm
010907-OPER	L146117-1	99.6	<0.05	<0.05	<0.06	<0.00060	NA
011007-OPER	L146117-2	36	<0.05	<0.05	<0.06	<0.0017	NA
LAB BLANK	L146117-3	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.06 ug
Analytical Method : mod. NIOSH 5503; GC/ECD
OSHA PEL (TWA) : NA
Collection Media : Filter & Tube

Submitted by: mj/np
Approved by : rjw
Date : 19-JAN-07 NYS DOH # : 11626
QC by: Tony D'Amico

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



LABORATORY FOOTNOTE REPORT

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FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Severson Environmental Services
Site : Cornell Dubilier
Project No. : G238

Date Sampled : 09-JAN-07-10-JAN-07 Account No.: 10127
Date Received: 12-JAN-07 Login No. : L146117
Date Analyzed: 16-JAN-07 - 17-JAN-07

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L146117 (Report ID: 525209) : SOPs: im-icpms(2), im-mwvfilt(4)

Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.

L146117 (Report ID: 525363) : SOPs: ig-pcbn5503(2)

Total ug corrected for a desorption efficiency of 90%.

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



New Client ? ☐ yes
☒ no

Phone No. : 908 769 5301
Fax No. : 908 769 5303

Phone No. : 716 284 0431
Fax No. : 716 284 1790

Sampled By: *Lutz/Wilson*

☒ Samples submitted using the FreePumpLoan™ Program.

☐ **Samples submitted using the FreeSamplingBadges™ Program.**

Purchase Order No. : 4258

Credit Card No. :

Card Holder Name : _____ Exp. : _____

Email / Fax Results To : Paul Jurek

Email Address : PJung@Sevenson.com

Fax No. :

☒ Yes ☐ No We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".

List description of industry or process / interference's present in sampling area:

Comments:

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Paul Junco	Paul Junco	10 Jan 07 @ 1600
Received by LAB :	Det G	Det G	11/12/07 11:15a

Login #: 6146117

Samples received after 3pm will be considered as next day's business.

* sample collection time X LPM = Air Vol.

LAB ORIGINAL



Mr. Steve Wilson
Sevenson Environmental Services
333 Hamilton Blvd.
South Plainfield, NJ 07080

February 22, 2007

DOH ELAP# 11626

Account# 10127

Login# L147801

Dear Mr. Wilson:

Enclosed are the analytical results for the samples received by our laboratory on February 15, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

A handwritten signature in black ink, reading "F. Joseph Unangst".

F. Joseph Unangst
Laboratory Director

Enclosure(s)



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LABORATORY ANALYSIS REPORT

Client : Severson Environmental Services
Site : Cornell-Dubilier
Project No. : G238
Date Sampled : 02-FEB-07 - 13-FEB-07 Account No.: 10127
Date Received : 15-FEB-07 Login No. : L147801
Date Analyzed : 16-FEB-07
Report ID : 528172

Polychlorinated Biphenyls

Sample ID	Lab ID	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3
020207DRUM	L147801-1	12.8	<0.05	<0.05	<0.06	<0.0047
021207SAW	L147801-2	22	<0.05	<0.05	<0.06	<0.0027
021307SAW	L147801-3	24.4	<0.05	<0.05	<0.06	<0.0024
LAB BLANK	L147801-4	NA	<0.05	<0.05	<0.06	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.06 ug

Analytical Method : mod. NIOSH 5503; GC/ECD

OSHA PEL (TWA) : NA

Collection Media : Filter & Tube

Submitted by: NKP

Approved by : NS

Date : 22-FEB-07 NYS DOH # : 11626

QC by: Tony D'Amico

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



LABORATORY FOOTNOTE REPORT

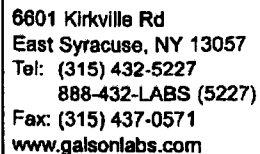
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East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Severson Environmental Services
Site : Cornell-Dubilier
Project No. : G238
Date Sampled : 02-FEB-07-13-FEB-07 Account No.: 10127
Date Received: 15-FEB-07 Login No. : L147801
Date Analyzed: 16-FEB-07

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L147801 (Report ID: 528172) : Total ug corrected for a desorption efficiency of 90%.
SOPs: ig-pcbn5503(2)

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



New Client ? ☐ yes
☒ no

Phone No. : 908-769-5301
Fax No. : 908-769-5303

Phone No. : 716-284-0431
Fax No. : 716-284-1796

Sampled By: Wilson

<input checked="" type="checkbox"/>	5 Business Days	0%
<input type="checkbox"/>	4 Business Days	35%
<input type="checkbox"/>	3 Business Days	50%
<input type="checkbox"/>	2 Business Days	75%
<input type="checkbox"/>	Next Day by 6pm	100%
<input type="checkbox"/>	Next Day by Noon	150%
<input type="checkbox"/>	Same day	200%

Samples submitted using the FreeSamplingBadges™ Program.

Purchase Order No. : 117325

Credit Card No. : _____

Card Holder Name : Exp. :

Email / Fax Results To : Steven Wilson



Email Address : LargoX2033X@msn.com

Fax No. : 908-769-5303

[illegible]

List description of industry or process / Interference's present in sampling area:

Comments:

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :	Steven Wilson		13 FEB 07 / 15:30
Received by LAB :	M. Krause		2/15/07 9:15

Login #: 6147801

Samples received after 3pm will be considered as next day's business.

* sample collection time X LPM = Air Vol.

LAB ORIGINAL

Appendix C

Asbestos Air Monitoring & Certificates of Disposal

**TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR
MANUFACTURER'S CERTIFICATES OF COMPLIANCE**
(Read Instructions on the reverse side prior to Initiating this form)

DATE:

December 21, 2006

TRANSMITTAL NO.

38

Section I REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO: USACE Patrick Nejad 333 Hamilton Blvd. South Plainfield, NJ 07080	FROM: Sevenson Environmental Services, Inc. 2749 Lockport Rd. Niagara Falls, NY 14305	CONTRACT NO.: W912DQ-04-D-0023 Task Order # 0005	<input checked="" type="checkbox"/> This is a New Submittal <input type="checkbox"/> Re-submittal of Transmittal No. ____ Check One: This Transmittal is for <input type="checkbox"/> FIO <input checked="" type="checkbox"/> Gov't Approval
--	---	---	---

SPECIFICATION SEC. NO. (Cover only one section with each transmittal)

13280A

PROJECT TITLE AND LOCATION:

Cornell-Dubilier Electronics Superfund Site OU2

South Plainfield, NJ

ITEM NO. <i>a.</i>	DESCRIPTION OF ITEMS SUBMITTED (Type, size, model number, etc.) <i>b.</i>	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See Instruction No. 8) <i>c.</i>	NO. OF COPIES <i>d.</i>	CONTRACT REFERENCE DOCUMENT		For Contractor Use <i>g.</i>	VARIATIONS (See Instruction No. 8) <i>h.</i>	FOR CE USE CODE <i>i.</i>
				SPEC. PARA. NO. <i>e.</i>	DRAWING SHEET NO. <i>f.</i>			
1	Asbestos Monitoring Samples results for the removal of Asbestos pipe from the oil tank		3	1.3		A		

REMARKS:

1 copy for N. Kolb, USACE, Project Field Office, 26 Rustic Mall, Manville, NJ 08835
 1 copy for E. Urbanik, USACE N. Resident Office, NY District, 214 State Highway 18 N, E. Brunswick, NJ 08816
 1 copy for P. Mannino, USEPA Project Manager, Region 2, Project Field Office, 333 Hamilton Blvd, South Plainfield, NJ 07080

c.c. -SES- File

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Drawings and Specifications except as otherwise stated.

William Zambrana, SES
NAME AND SIGNATURE OF CONTRACTOR

Section II APPROVAL ACTION

INCLOSURES RETURNED (List by Item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE
---	---	-------------

Assessment Resources &
Technologies, inc.
101 Maiden Lane - Suite 404
New York, NY 10038
(212)785-0266 fax(212)785-0231

~~Facsimile Transmittal~~

To: William Zambra
From: Paul Ottens
Re:

Fax: (908) 243-0320
Date: December 15, 2006
Pages: 4

☐ Urgent For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

William,

Here are the PCM sample results for Cornell.

All were within acceptable limits.

If you have any questions, please beep call on me.

Sincerely,


Paul F. Ottens
Senior Consultant

ASSESSMENT, RESOURCES, & TECHNOLOGIES, Inc.
 101 Maiden Lane, Suite #404: NYC, NY 10038 Phone (212) 785-0266 / Fax (212) 785-0234 /
 Email - ART-CORP.net

SAMPLE CHAIN OF CUSTODY

Client: <i>Sevenson</i>	Date: <i>12-14-06</i>	Method: <i>PLM</i>
Project: <i>Cornell Dubilier Elec. Spec</i>	Sampler: <i>J. Wisner</i>	Turnaround: <i>STD</i>

FUND SITE SAMPLE INFORMATION

Sample #	Date/Time	Location	Description	Comment
<i>333WT 001</i>	<i>12-14</i>	<i>P. water Pipe Tank</i>	<i>Pipe Leaking</i>	<i>PLM</i>

CHAIN OF CUSTODY

	Received (Print/Sign/Date)	Relinquished (Print/Sign/Date)
Sampler	<i>J. Wisner</i>	
Transport	<i>12-14-06</i>	
Laboratory		
Report		



ATC ASSOCIATES INC. - NEW YORK
 764 East 21st Street, 10th Floor, New York, NY 10003
 Phone: (212) 353-8200, Fax: (212) 353-3500 or 8305

BULK ASBESTOS ANALYSIS SHEET

Client / Project ART/333 Handkerchief Project Number _____
Analysis Date 12/15/06 Analyst Wm Search Number 11921

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-08-2001 BY 60322 UCBAW

Field Number	Sample Error		PLM Optical Properties		Adhesive Resin FLM %	Other Fibers %	Non-Fibers %	Residue in (PLM) Residue %
Consent to (NOC)	Color <u>2/3/1K</u>	Tint <u>NE</u>	Highway	Exterior	Crystals	<u>2</u> Cellulose	<u>20</u> Mineral	<u>21.8</u> Organic
Required	Mineral <u>0</u>		W.L.	N.L.	Residue	<u>5</u> Fiberglass	<u>35</u> Organic Resin	<u>4.6</u> Inert
Recommended	1st Layer	Adhesive <input type="checkbox"/> <input checked="" type="checkbox"/>	SS Color	Other, Neo	Other	Other	Vermin	<u>16.6</u> Barbed
Overcoat (NOC) FLM	Date of use	Detected Yes No	Mat	Wp			<u>62</u> Fiber	<u>-</u> Other
Overcoat (NOC) TELA	Comments					Tell how Composite Detected	<u>3.1</u> Fiber	<u>0.2</u> Adhesive
PLM DATA Date: 10/10/64	Mineral: <input checked="" type="checkbox"/> SLAF - SPA <input type="checkbox"/> SLAF <input type="checkbox"/> SPA <input type="checkbox"/> OTHER		<input type="checkbox"/> SEMINING OTHER SLAF - P.C. / SLAF	FLM 1	FLM 2	FLM 3	FLM 4	FLM 5
						0.0 <input type="checkbox"/>		

Field Number	Stereoscopic Entry		PLM Optical Properties		Adhesive Resin PLM %	Other Fibrous %	Non Fibrous %	Stereoscopic (NOD) Results %
Carbamide (PCB)	Color _____	Texture _____	Morphology _____	Edenite _____	Crystals _____	Calcium _____	Mineral Filler _____	Organic _____
Resin <input type="checkbox"/>	Homogeneity _____		SLA _____	SLA _____	Amino _____	Fiberglass _____	Organic Binders _____	Resins _____
Fluorinated <input type="checkbox"/>	Scratches _____	Adhesive <input type="checkbox"/> <input type="checkbox"/>	SB Color _____	Color, Pico _____	Other _____	Other _____	Verminoids _____	Substrates _____
Graded (M-P) <input type="checkbox"/>	Grades of Layer _____	Selected Yes No	Shed _____	Slip _____			Other _____	Other _____
Graded (M-P) PLM <input type="checkbox"/>	Grades of Layer _____							
Graded (M-P) TEM <input type="checkbox"/>	Grades of Layer _____							
PLM Optics								
Notes: 1-5-20-21	METHOD: <input type="checkbox"/> SLAP - SPA <input type="checkbox"/> SLAP <input type="checkbox"/> EPA <input type="checkbox"/> OTHER <input type="checkbox"/>				BEHAVIOR OF PLM: SLAP <input type="checkbox"/> SLAP <input type="checkbox"/> EPA <input type="checkbox"/>		Final & Temp. Appending = <input type="checkbox"/>	
					D.C. <input type="checkbox"/>			

Field Number		Stereoscopic Chart		FILM Optical Properties		Antistatic Resists FILM %	Other Fibers %	Van Fibers %	Groundwater (GWS) Results %
Groundwater (GWS)	Color _____ Tachin _____			Weighting _____ Subject _____		_____ Microfilm	_____ Cellulose	_____ Mapped Fiber	_____ Organic
Recommended <input type="checkbox"/>	Hemagglutination _____			W.L. _____ R.L. _____		_____ Resists	_____ Fiberglass	_____ Organic Fibers	_____ Synthetic
Groundwater (GWS) P.P.P.P.	Red Layers _____ Antistatic <input type="checkbox"/> <input type="checkbox"/>			BS Color _____ Color, Photo _____		_____ Other	_____ Other	_____ Vermin	_____ Carbonate
Groundwater (GWS) P.P.P.P.	Depth of Layer _____ Selected Yes No			Shade _____ Size _____				_____ Fiber	_____ Other
Groundwater (GWS) T.E.M.	Groundwater _____								_____ Antistatic
Field Setup		Subject <input type="checkbox"/> RAP - SP4 <input type="checkbox"/> RAP <input type="checkbox"/> EPA <input type="checkbox"/> GWS		<input type="checkbox"/> REMOTE OPTICAL DATA <input type="checkbox"/> SP4 & EPA		Field # _____		G.C. <input type="checkbox"/>	

Field Number	Microscopic Data		PLM Optical Properties		Asbestos Formula PLM %	Other Minerals %	Non Fibrous %	Background (MMA) Spots %
Confirmed PCM Respond <input type="checkbox"/> Presumptive <input type="checkbox"/> Confirmed PGP Confirmed GGP PLM Confirmed (MMA) TEM <input type="checkbox"/>	Color _____ Morphology _____ For Layer _____ Color of Layer _____ Comments: _____	Texture _____ Asbestos <input type="checkbox"/> <input type="checkbox"/> Disturbed Yes No Size _____	Birefringence _____ RI _____ 90 Color _____ Relief _____	Extinction _____ RI _____ Color, Polar _____ Sp. _____	Chrysotile _____ Amph _____ Trem _____ Act _____	Calcite _____ Fluorite _____ Qtz _____ Silica (Gibbsite, Silica) <input type="checkbox"/> Plaster (Gibbsite) <input type="checkbox"/>	Muscovite _____ Talc _____ Vermiculite _____ Other _____	Dirt _____ Sand _____ Gravel _____ Other _____

TOTAL P. 02

ASSESSMENT, RESOURCES, & TECHNOLOGIES, INC.
111 John St. / NYC, NY 10038 - Phone (212) 785-0266 / Fax (212) 785-0234

28373

Client: <i>SANWSON</i>	Date: <i>12-14-06</i>	Location: <i>Water T9-K</i>	Micro: <i>Olympus</i>	DP:	Cal: <i>3</i>	Method: <i>NIOSH 7400</i>
Project: <i>333 Han Blvd</i>	Shift: <i>AM</i>	Phase: <i>Tout</i>	Filter: <i>MCE 25mm 0.3 Lat S2460T900</i>	Sampler: <i>KMA</i>		

SAMPLE DATA												
Sample #	Location	Flow / Time				T (min)	Q ^{FM} (lpm)	A ^d (lpm)	Vol (L)	Lab #	SR	Flow ²
333 H5 001	<i>CHOURM DELOW</i>	10	0750	10	1120	96	10	10.0	960		3/100	20.003
002	<i>2' Tout</i>	10	0752	10	1128	96	10	10.0	960		2/100	20.003
003	<i>7' Tout</i>	10	0754	10	1130	96	10	10.0	960		6/100	20.003
004	<i>Adjacent to WHA Enclosure</i>	10	0756	10	1131	95	10	10.0	950		3.5/100	20.003
05	<i>F13</i>	/				/					0/100	-
06	<i>F13</i>										0/100	-
/		/				/						

CHAIN OF CUSTODY

	Received (print / sign / date)	Relinquished (print / sign / date)
Sampler #1	Sign: <i>Kayla S. Smith</i> 12/14/06	
Sampler #2		
Transport	Sign:	
Laboratory	ATC D. Arnet 12/14/06 13:50	
		Reported By:

MINERVA ENTERPRISES, LLC

8955 Minerva Road • P.O. Box 709
Waynesburg, Ohio 44688
Phone: (330) 866-3435 Fax: (330) 866-3488

CERTIFICATE OF DISPOSAL

This certificate is to verify that the waste specified on the attached, certified original copies, Minerva Ticket # 160994 customer # 709 has been properly disposed of on December 23, 2006 in accordance with all local, state and federal regulations.

Date: March 7, 2007

Authorized Signature: 



TRI-STATE TRANSFER ASSOC., INC.

1199 Randall Avenue

Bronx, New York 10474

718/617-0771 - Fax: 718/378-5858

JBT, NY DEC 2A458

NJ DEP SW1808

MANIFEST NO. 61579

MEI Certified Original
COPY

Signature

NON - HAZARDOUS WASTE MANIFEST

DATE 12-19-06

DEC 2A-501
DEC 2A-458FRIABLE AT POINT OF ORIGIN, DOUBLE BAGGED AND MADE NON-FRIABLE FOR HANDLING AND TRANSPORTATION
(FRIABLE ASBESTOS ONLY) ASBESTOS, 9 NA2112.111, BQ DEP WASTE TYPE ID37A
USEPA AIR COMPLIANCE BRANCH, REGION II 390 BROADWAY NEW YORK, NY 10007 212-437-4300

U.S. EPA 290 BROADWAY NEW YORK NY

BUILDING OWNER'S NAME AND MAILING ADDRESS

(718) 349-0900
PHONE NO.

DUBLILIER SUPERFUND SITE 333 HAMILTON BLVD. PLAINFIELD NJ (PO#06-6578)

SITE OF GENERATION (if different from mailing address)

DEPT. NO.

TRI-STATE TRANSFER ASSOC. INC. DEC 2A-458 OR J.B.T. DEC 2A-501 1199 RANDALL AVENUE BRONX NY 10474

ASBESTOS HAULERS COMPANY NAME

TRI-STATE TRANSFER ASSOC. INC. 3007-00006/1 1199 RANDALL AVE. BRONX, NY 10474 718-617-0771
TRANSFER STATION DISPOSAL FACILITY PERMIT NO. (11 digits) ADDRESS PHONE #MINERVA ENTERPRISES, INC 9000 MINERVA ROAD WAYNESBURG, OHIO 44688 (330) 866-3435 2004-815-1292
DESIGNATED DISPOSAL FACILITY NAME SITE ADDRESS TELEPHONE NO. & PERMIT NO. (ACM NO.)

ROLL-OFF

TYPE OF CONTAINERS

(1)

NO. OF CONTAINERS

3 CYDS

UNITS (WT./VOL.)

3 CYDS

QUANTITY

PAL ENVIRONMENTAL SAFETY CORP.
ABATEMENT COMPANY NAME

11-82 QUEENS PL. SO. LLC NY 11101

ABATEMENT COMPANY ADDRESS

(718) 349-0900
PHONE NO.

PROGRAM MANAGER'S NAME

PROGRAM MANAGER'S AFFILIATION

Sam Tavelaris
PRINT TYPE NAMEHealth and Safety Officer
TITLESignature
SIGNATURE12/19/06
MO/DAY/YR

BUILDING OWNER'S CERTIFICATION: I CERTIFY THAT THE ABOVE DESCRIBED WASTE CONTAINING ASBESTOS IS FULLY AND ACCURATELY DESCRIBED AND HAS BEEN THOROUGHLY WET DOWN, PACKED AND LABELED IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 16-117.1 OF THE ADMINISTRATIVE CODE OF THE CITY OF NEW YORK AS AMENDED BY LOCAL LAW 21 OF 1987.

PRINT TYPE NAME ON BEHALF OF Hauling Company

TITLE

SIGNATURE

MO/DAY/YR

ASBESTOS HAULER'S ACKNOWLEDGEMENT OF RECEIPT OF MATERIAL AS DESCRIBED ABOVE

PRINT TYPE NAME ON BEHALF OF Hauling Company

TITLE

SIGNATURE

MO/DAY/YR

DISCREPANCY INDICATION SPACE

PRINT TYPE NAME

TITLE

SIGNATURE

MO/DAY/YR

DESIGNATED DISPOSAL FACILITY'S OWNER OR OPERATOR CERTIFICATION OF RECEIPT OF WASTE COVERED BY THIS MANIFEST, EXCEPT AS NOTED IN THE DISCREPANCY INDICATION SPACE

2006 DEC 23 A 1:26

LANDFILL

Appendix D

Tank Sampling Results

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE (Read Instructions on the reverse side prior to initiating this form)	DATE: December 21, 2006	TRANSMITTAL NO. <div style="text-align: center; font-size: 1.2em;">39</div>
--	-----------------------------------	---

Section I REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO: USACE Patrick Nejjand 333 Hamilton Blvd. South Plainfield, NJ 07080	FROM: Severson Environmental Services, Inc. 2749 Lockport Rd. Niagara Falls, NY 14305	CONTRACT NO.: W912DQ-04-D-0023 Task Order # 0005	<input checked="" type="checkbox"/> This is a New Submittal <input type="checkbox"/> Re-submittal of Transmittal No. _____ Check One: This Transmittal is for <input type="checkbox"/> FIO <input checked="" type="checkbox"/> Gov't Approval
--	---	---	--

SPECIFICATION SEC. NO. (Cover only one section with each transmittal) <div style="text-align: center;">02650</div>	PROJECT TITLE AND LOCATION: Cornell-Dubiller Electronics Superfund Site OU2 South Plainfield, NJ
--	---

ITEM NO.	DESCRIPTION OF ITEMS SUBMITTED (Type, size, model number, etc.)	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See Instruction No. 8)	NO. OF COPIES	CONTRACT REFERENCE DOCUMENT		For Contractor Use	VARIATIONS (See Instruction No. 6)	FOR CE USE CODE
				SPEC. PARA. NO.	DRAWING SHEET NO.			
a.	b.	c.	d.	e.	f.	g.	h.	i.
1	Storage Tank Wall Sampling Results and chain of custody		3	1.3		A		

REMARKS: 1 copy for N. Kolb, USACE, Project Field Office, 26 Rustic Mall, Manville, NJ 08835 1 copy for E. Urbanik, USACE N. Resident Office, NY District, 214 State Highway 18 N, E. Brunswick, NJ 08816 1 copy for P. Mannino, USEPA Project Manager, Region 2, Project Field Office, 333 Hamilton Blvd, South Plainfield, NJ 07080 c.c. -SES- File	I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Drawings and Specifications except as otherwise stated. <div style="text-align: center; margin-top: 20px;"> William Zambrana, SES NAME AND SIGNATURE OF CONTRACTOR </div>
--	--

Section II APPROVAL ACTION		
INCLOSURES RETURNED (List by Item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

FAX LEAD SHEET

WASTE STREAM TECHNOLOGY

302 GROTE STREET

BUFFALO, NY 14207

Phone (716)876-5290 Fax (716)876-2412

**Environmental Laboratory Services, Radiological Laboratory Services,
Treatability Studies, and Bioremediation Supplies and Services**

If this fax is incomplete or illegible, please call the number listed above.

DATE: 12/14/06

NUMBER OF PAGES (including cover):

6

TO: Kim / Sam

FAX NUMBER:

908 243 0320

FROM: WST INC.

MESSAGE:

Report for work order WU3012.

Confidentiality Notice:

This transmission is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged and exempt from disclosure under applicable law.

Please call the number listed above if you have received this transmission in error. Destroy the original transmission without reading or saving in any manner. Thank you.

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date: 12/14/06
Work Order Number: 6L13012

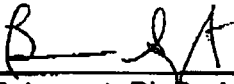
Prepared For
Kim Lickfield

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY 14305
Fax: (908) 243-0320

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/13/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS

NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/14/06 15:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Cluster-12-Oil Tank-Wall--1-121206	6L13012-01	Wipe	12/12/06 13:10	12/13/06 09:40
G238-Cluster-12-Oil Tank-Wall--2-121206	6L13012-02	Wipe	12/12/06 13:15	12/13/06 09:40

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/14/06 15:29

Polychlorinated Biphenyls by EPA Method 8082
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Oil Tank-Wall-1-121206 (6L13012-01) Wipe Sampled: 12/12/06 13:10 Received: 12/13/06 09:40									
Aroclor 1016	ND	1.0	ug/Wipe	10	AL61325	12/13/06	12/14/06	8082	U
Aroclor 1221	ND	1.0	"	"	"	"	"	"	U
Aroclor 1232	ND	1.0	"	"	"	"	"	"	U
Aroclor 1242	12	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	1.0	"	"	"	"	"	"	U
Aroclor 1254	5.8	1.0	"	"	"	"	"	"	
Aroclor 1260	ND	1.0	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		106 %		70-141	"	"	"	"	
Surrogate: Decachlorobiphenyl		87.6 %		49-142	"	"	"	"	
G238-Cluster-12-Oil Tank-Wall-2-121206 (6L13012-02) Wipe Sampled: 12/12/06 13:15 Received: 12/13/06 09:40									
Aroclor 1016	ND	1.0	ug/Wipe	10	AL61325	12/13/06	12/14/06	8082	U
Aroclor 1221	ND	1.0	"	"	"	"	"	"	U
Aroclor 1232	ND	1.0	"	"	"	"	"	"	U
Aroclor 1242	8.2	1.0	"	"	"	"	"	"	
Aroclor 1248	ND	1.0	"	"	"	"	"	"	U
Aroclor 1254	9.4	1.0	"	"	"	"	"	"	
Aroclor 1260	1.5	1.0	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		78.4 %		70-141	"	"	"	"	
Surrogate: Decachlorobiphenyl		82.8 %		49-142	"	"	"	"	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/14/06 15:29

Notes and Definitions

U Analyte included in the analysis, but not detected
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

CHAIN OF CUSTODY

REPORT TO:
Sevenson Environmental Services

333 Hamilton Blvd

South Plainfield, NJ 07080

Sam Tavelaris

CONTACT
716-609-1775

PH# ()

FAX# ()

BILL TO:
Same

117361
PO#

G238 Cornell - Dubilier
PROJECT DESCRIPTION

[Signature]
SAMPLER SIGNATURE

WASTE STREAM

TECHNOLOGY

Waste Stream Technology Inc.
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY

GROUP # 6413012

DUE DATE

TURN AROUND TIME:

5 days
QUOTATION NUMBER:

PAGE 1 OF 1

ARE SPECIAL DETECTION LIMITS
REQUIRED:
YES NO
If yes please attach requirements.

Is a QC Package required:
YES NO
If yes please attach requirements

DW DRINKING WATER SL SLUDGE
GW GROUND WATER SO SOIL
SW SURFACE WATER S SOLID
WW WASTE WATER W WIPE
O OIL OTHER

ANALYSES TO BE PERFORMED

SAMPLE ID	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	ANALYSES TO BE PERFORMED										TYPE OF CONTAINER/ COMMENTS:	OFFICE USE ONLY WST. LD.
					PCB's											
1	G238-CLUSTER-12-6ILTANK-WALL-1-12/12/06	12/12/06	1310	W	1	X										01
2	G238-CLUSTER 12-6ILTANK-WALL-2-12/12/06	12/12/06	1315	W	1	X										02
3																
4																
5																
6																
7																
8																
9																
10																
TOTAL: 2																

REMARKS:

UPS Tracking # 1Z-103-1AX-22-1005-8070

RELINQUISHED BY:

RELINQUISHED BY:

DATE:

12/12/06

TIME:

1815

RECEIVED BY:

UPS

RECEIVED BY:

Joe G

DATE:

12/12/06

TIME:

1815

DATE:

12/13/06

TIME:

09:40

No. 9037 P. 6/6

Dec. 14, 2006 4:05PM

Packing, Storing, and Shipment of Samples Checklist

Project Name/Job Number Cornell Dubilier G-238

Recovery/Monitoring Well Number _____

Sampling Date 12-12-06

Complete this form for each recovery or monitoring well sampling location inspected. Answer each question by checking the appropriate column (yes, no, not observed (N/O) or not applicable (N/A). If "no" is checked, provide an explanation of the non-compliance and associated corrective action(s).

Packing, Storing and Shipment of Samples

	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
1. Were the samples handled according to the FSP and QAPP?	X			
2. Did the samples remain on ice or refrigerated (except for sample transfer from coolers or refrigerators) from collection until the cooler was taped for shipment?	X			
3. Were Chain-of-Custody forms filled out accurately and completely, including the project name and number, sampling date and time, analytical parameters, preservatives, size and number of containers for each analytical parameter, and media sampled?	X			
4. Were Chain-of-Custody forms signed and dated by the preparer and the form taped to the inside of the cooler lid?	X			
5. Were signed and dated custody seals properly placed on the cooler and the cooler sealed with strapping tape?	X			
6. Was a shipping label attached to the cooler?	X			

Notes/Comments

QC Inspector Name and Signature _____

Date 12-12-06

Field Documentation Checklist

Project Name/Job Number Cornell-Dubilier G238

Recovery/Monitoring Well Number _____

Sampling Date 12-12-06

Complete this form for each recovery or monitoring well sampling location inspected. Answer each question by checking the appropriate column (yes, no, or not applicable (N/A). If "no" is checked, provide an explanation of the non-compliance and associated corrective action(s).

Field Documentation

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
1. Was all original field data recorded in black indelible ink?	<input checked="" type="checkbox"/>		
2. Were log books filled out properly, accurately recounting the day's events?	<input checked="" type="checkbox"/>		
3. Were all field forms completed and information accurately recorded	<input checked="" type="checkbox"/>		
• Field Sampling Forms			
• Chain of Custody Forms			
• Field Log Books			

List (any) additional forms completed:

Applicable QC Checklists

- | | |
|---|-------------------------------------|
| 4. Was field documentation forwarded to Severson office for peer/QC review? Weekly. | <input checked="" type="checkbox"/> |
| 5. Were deficiencies reported to the Field Sampling Manager? | <input checked="" type="checkbox"/> |

Notes/Comments

QC Inspector Name and Signature _____

Date 12-12-06

ups **UPS Next Day AirSM**
UPS Worldwide ExpressSM
Shipping Document

See Instructions on back. Visit UPS.com[®] or call 1-800-PICK-UPS[®] (800-742-5877) for additional information and Terms and Conditions.

TRACKING NUMBER **1Z 103 1AX 22 1005 8070**

1 SHIPMENT FROM

SHIPPER'S UPS ACCOUNT NO. **1031AX**

REFERENCE NUMBER **G238**

NAME **Sam Tavelaris** TELEPHONE **908-243-0318**

COMPANY **FEDERAL CREOSOTE SUPERFUND SIT**

STREET ADDRESS **26 RUSTIC MALL**

CITY AND STATE **MANVILLE NJ** ZIP CODE **08835-1428**

2 EXTREMELY URGENT DELIVERY TO

NAME **Sample Custodian** TELEPHONE **716-876-5290**

COMPANY **Waste Stream Technology Inc.**

STREET ADDRESS **302 Grote St.** DEPT./FLR. Residential Delivery ☐

CITY AND STATE (INCLUDE COUNTRY IF INTERNATIONAL) **Buffalo, NY** ZIP CODE **14207**



3 WEIGHT WEIGHT Enter "LTR" if Letter DIMENSIONAL WEIGHT If Applicable LARGE AIR PACKAGE ☐

4 SHIPPER RELEASE ☐

5 TYPE OF SERVICE ☒ **NEXT DAY AIR** ☐ **EXPRESS (INT'L)** **CHARGE** \$

6 FOR WORLDWIDE EXPRESS SHIPMENTS Mark an "X" in this box if shipment only contains documents of no commercial value. ☐ **DOCUMENTS ONLY** \$

☐ **SATURDAY PICKUP** See Instructions. ☐ **SATURDAY DELIVERY** See Instructions. \$

OPTIONAL SERVICES ☐ **DECLARED VALUE FOR CARRIAGE** Content not adequately protected up to \$100. For declared value over \$100, see instructions. \$ AMOUNT \$

☐ **C.O.D.** nets amount to be collected and attach completed UPS C.O.D. tag in package. \$ AMOUNT \$

7 ADDITIONAL HANDLING CHARGE ☐ An Additional Handling Charge applies for certain items. See instructions. \$

TOTAL CHARGES \$

8 METHOD OF PAYMENT ☒ **BILL SHIPPER'S ACCOUNT** IN SECTION 1 ☐ **BILL RECEIVER** DOMESTIC ONLY ☐ **BILL THIRD PARTY** ☐ **CREDIT CARD** American Express Diner's Club MasterCard Visa ☐ **CHECK**

9 RECEIVER'S/THIRD PARTY'S UPS ACCT. NO. OR MAJOR CREDIT CARD NO. EXPIRATION DATE

THIRD PARTY'S COMPANY NAME

STREET ADDRESS

CITY AND STATE **ZIP CODE**

The shipper authorizes UPS to act as forwarding agent for import control and customs purposes. The shipper certifies that these commodities, technology or so many more reported from the United States in accordance with the Export Administration Regulations. Otherwise contrary to U.S. law is prohibited.

10 SHIPPER'S SIGNATURE **X**

DATE OF SHIPMENT **12/12/04**

0101911202609 1/05 S **UPS COPY**

This form not needed with UPS Internet Shipping at UPS.com

CHAIN OF CUSTODY

REPORT TO:
Sevenson Environmental Service
333 Hamilton Blvd
South Plainfield, NJ 07080
Sam Tavelaris
 CONTACT
716-609-1775
 PH. # ()
 FAX # ()
 BILL TO:
Same
117361
 PO#
G238 Cornell-Dubilier
 PROJECT DESCRIPTION
8/2
 SAMPLER SIGNATURE

WASTE STREAM TECHNOLOGY

Waste Stream Technology Inc.
 302 Grote Street, Buffalo, NY 14207
 (716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY

GROUP #

DUE DATE

TURN AROUND TIME:

QUOTATION NUMBER:

PAGE 1 OF 1

ARE SPECIAL DETECTION LIMITS
 REQUIRED:
 YES NO
 If yes please attach requirements.

Is a QC Package required:
 YES NO
 If yes please attach requirements

DW DRINKING WATER
 GW GROUND WATER
 SW SURFACE WATER
 WW WASTE WATER
 O OIL
 SL SLUDGE
 SO SOIL
 S SOLID
 W WIPE
 OTHER

ANALYSES TO BE PERFORMED

SAMPLE I.D.	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	ANALYSES TO BE PERFORMED										TYPE OF CONTAINER/ COMMENTS:	OFFICE USE ONLY WST. I.D.
					PCB's											
1	G238-CLUSTER 12-6 OILTANK-WALL-1-12/12/06	12/12/06	1310	W	1	X										
2	G238-CLUSTER 12-6 OILTANK-WALL-2-12/12/06	12/12/06	1315	W	1	X										
3																
4																
5																
6																
7																
8																
9																
10																
TOTAL: 2																

REMARKS:

UPS Tracking # 12-103-1AX-22-1005-8070

RELINQUISHED BY:

DATE:

TIME:

RECEIVED BY:

DATE:

TIME:

RELINQUISHED BY:

DATE:

TIME:

RECEIVED BY:

DATE:

TIME:

**TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR
MANUFACTURER'S CERTIFICATES OF COMPLIANCE**
(Read Instructions on the reverse side prior to initiating this form)

DATE:

January 2, 2007

TRANSMITTAL NO.

41

Section I

REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO:

USACE
Patrick Nejad
333 Hamilton Blvd.
South Plainfield, NJ 07080

FROM:

Sevenson Environmental Services, Inc.
2749 Lockport Rd.
Niagara Falls, NY 14305

CONTRACT NO.:

W912DQ-04-D-0023
Task Order # 0005

☒ This is a New Submittal
☐ Re-submittal of
Transmittal No. _____

Check One: This Transmittal is for

☐ FIO ☒ Gov't Approval

SPECIFICATION SEC. NO. (Cover only one section with each transmittal)

02650

PROJECT TITLE AND LOCATION:

Cornell-Dubillier Electronics Superfund Site OU2

South Plainfield, NJ

ITEM NO.	DESCRIPTION OF ITEMS SUBMITTED (Type, size, model number, etc.)	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See Instruction No. 8)	NO. OF COPIES	CONTRACT REFERENCE DOCUMENT		For Contractor Use	VARIATIONS (See Instruction No. 6)	FOR CE USE CODE
				SPEC. PARA. NO.	DRAWING SHEET NO.			
a.	b.	c.	d.	e.	f.	g.	h.	i.
1	Storage Tank concrete foundation Sampling Results and chain of custody		3	1.3		A		

REMARKS:

1 copy for N. Kolb, USACE, Project Field Office, 26 Rustic Mall, Manville, NJ 08835
1 copy for E. Urbanik, USACE N. Resident Office, NY District, 214 State Highway 18 N, E. Brunswick, NJ 08816
1 copy for P. Mannino, USEPA Project Manager, Region 2, Project Field Office, 333 Hamilton Blvd, South Plainfield, NJ 07080

c.c. -SES- File

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Drawings and Specifications except as otherwise stated.

William Zambrana, SES
NAME AND SIGNATURE OF CONTRACTOR

Section II

APPROVAL ACTION

INCLOSURES RETURNED (List by Item No.)

NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY

DATE

FAX LEAD SHEET

WASTE STREAM TECHNOLOGY

302 GROTE STREET

BUFFALO, NY 14207

Phone (716)876-5290 Fax (716)876-2412

Environmental Laboratory Services, Radiological Laboratory Services,
Treatability Studies, and Bioremediation Supplies and Services

If this fax is incomplete or illegible, please call the number listed above.

DATE: 12-22-06

NUMBER OF PAGES (including cover):

(8)

TO: KLM

FAX NUMBER:

(908) 243-0320

FROM: WST

MESSAGE: Results for samples received 12/15/06

Merry Christmas - B

Confidentiality Notice:

This transmission is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged and exempt from disclosure under applicable law. Please call the number listed above if you have received this transmission in error. Destroy the original transmission without reading or saving in any manner. Thank you.

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

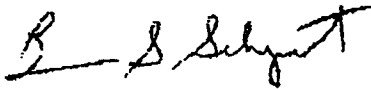
Analytical Data Report
Report Date: 12/22/06
Work Order Number: 8L15006

Prepared For
Kim Lickfield
Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY 14305
Fax: (908) 243-0320

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/15/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/22/06 15:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Cluster-12-Tank-Concrete-SW Wall-121406	6L15006-01	Solid	12/14/06 11:20	12/15/06 10:00
G238-Cluster-12-Tank-Concrete-E-Wall-121406	6L15006-02	Solid	12/14/06 13:40	12/15/06 10:00

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/22/06 15:30

TCLP Metals by 6000/7000 Series Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Concrete-SW Wall-121406 (6L15006-01) Solid Sampled: 12/14/06 11:20 Received: 12/15/06 10:00									
Mercury	ND	0.001	mg/L	1	AL62015	12/20/06	12/20/06	EPA 7470A-TCLP	U
Silver	ND	0.025	"	5	AL62114	12/21/06	12/21/06	6010B	U
Arsenic	ND	0.045	"	"	"	"	"	"	U
Barium	0.296	0.025	"	"	"	"	"	"	B
Cadmium	ND	0.025	"	"	"	"	"	"	U
Chromium	ND	0.025	"	"	"	"	"	"	U
Lead	ND	0.075	"	"	"	"	"	"	U
Selenium	ND	0.095	"	"	"	"	"	"	U
G238-Cluster-12-Tank-Concrete-E-Wall-121406 (6L15006-02) Solid Sampled: 12/14/06 13:40 Received: 12/15/06 10:00									
Mercury	ND	0.001	mg/L	1	AL62015	12/20/06	12/20/06	EPA 7470A-TCLP	U
Silver	ND	0.025	"	5	AL62114	12/21/06	12/21/06	6010B	U
Arsenic	ND	0.045	"	"	"	"	"	"	U
Barium	0.217	0.025	"	"	"	"	"	"	B
Cadmium	ND	0.025	"	"	"	"	"	"	U
Chromium	ND	0.025	"	"	"	"	"	"	U
Lead	ND	0.075	"	"	"	"	"	"	U
Selenium	ND	0.095	"	"	"	"	"	"	U

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubiller Electronics
Project Number: Cornell-Dubiller Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/22/06 15:30

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Concrete-SW Wall-121406 (6L15006-01RE1) Solid Sampled: 12/14/06 11:20 Received: 12/15/06 10:00									
Aroclor 1016	ND	33.0	ug/kg dry	10	AL62118	12/21/06	12/22/06	8082	U
Aroclor 1221	ND	33.0	"	"	"	"	"	"	U
Aroclor 1232	ND	33.0	"	"	"	"	"	"	U
Aroclor 1242	ND	33.0	"	"	"	"	"	"	U
Aroclor 1248	ND	33.0	"	"	"	"	"	"	U
Aroclor 1254	1010	33.0	"	"	"	"	"	"	U
Aroclor 1260	ND	33.0	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		120 %	61-140	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		89.5 %	56-136	"	"	"	"	"	
G238-Cluster-12-Tank-Concrete-E-Wall-121406 (6L15006-02RE1) Solid Sampled: 12/14/06 13:40 Received: 12/15/06 10:00									
Aroclor 1016	ND	16.5	ug/kg dry	5	AL62118	12/21/06	12/22/06	8082	U
Aroclor 1221	ND	16.5	"	"	"	"	"	"	U
Aroclor 1232	ND	16.5	"	"	"	"	"	"	U
Aroclor 1242	ND	16.5	"	"	"	"	"	"	U
Aroclor 1248	ND	16.5	"	"	"	"	"	"	U
Aroclor 1254	454	16.5	"	"	"	"	"	"	U
Aroclor 1260	ND	16.5	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		132 %	61-140	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		115 %	56-136	"	"	"	"	"	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Servenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubiller Electronics
Project Number: Cornell-Dubiller Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/22/06 15:30

Conventional Chemistry Parameters by EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Concrete-SW Wall-121406 (6L15006-01) Solid Sampled: 12/14/06 11:20 Received: 12/15/06 10:00									
% Solids	86.1	0.1	%	1	AL62202	12/21/06	12/22/06	% calculation	
G238-Cluster-12-Tank-Concrete-E-Wall-121406 (6L15006-02) Solid Sampled: 12/14/06 13:40 Received: 12/15/06 10:00									
% Solids	85.7	0.1	%	1	AL62202	12/21/06	12/22/06	% calculation	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubiller Electronics
Project Number: Cornell-Dubiller Electronics G-238
Project Manager: Kim Lickfield

Reported:
12/22/06 15:30

Notes and Definitions

U Analyte included in the analysis, but not detected
B Analyte is found in the associated blank as well as in the sample (CLP B-flag).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

No. 9240 P. 8

CHAIN OF CUSTODY

REPORT TO:
Serverson Environmental Services
333 Hamilton Blvd
South Plainfield, NJ 07080
Sam Tavelaris
 CONTACT:
716-609-1775
 PH. # ()
 FAX # ()
 BILL TO:
Same
G238
 PO #
G238 - Cornell Dubilier
 PROJECT DESCRIPTION
84
 SAMPLER SIGNATURE

WASTE STREAM
TECHNOLOGY

Waste Stream Technology Inc.
 302 Grote Street, Buffalo, NY 14207
 (716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY

GROUP #

615006

DUE DATE

TURN AROUND TIME:

QUOTATION NUMBER:

PAGE 1 OF 1

ARE SPECIAL DETECTION LIMITS
REQUIRED:YES NO
If yes please attach requirements

Is a QC Package required:

YES NO
If yes please attach requirements

DW DRINKING WATER SL SLUDGE
 GW GROUND WATER SO SOIL
 SW SURFACE WATER S SOLID
 WW WASTE WATER W WIPE
 O OIL OTHER

ANALYSES TO BE PERFORMED

SAMPLE I.D.	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	ANALYSES TO BE PERFORMED										TYPE OF CONTAINER/ COMMENTS:	OFFICE USE ONLY WST. I.D.
					Total PCB's	TCUP Metals	Temperature									
1 G138 - CLUSTER 12 - TANK - CONCRETE - SWIMMING POOL - 121406	12/14/06	1120	Other	1	X	X									CONCRETE SAMPLES	01
2																
3 G138 - CLUSTER 12 - TANK - CONCRETE - E-WALL - 121406	12/14/06	1340	Other	1	X	X										02
4 TEMP BLANK				1			X									
5																
6																
7																
8																
9																
10																

REMARKS: UPS Tracking # 1Z-103-1AX-22-1005-8061
 Preservative - ice

RELINQUISHED BY:

Sam Tavelaris

DATE:

12/14/06

TIME:

1:50

RECEIVED BY:

UPS

DATE:

12/14/06

TIME:

1:00

RELINQUISHED BY:

DATE:

1/1

TIME:

RECEIVED BY:

K. B. Boyle

DATE:

12/15/06

TIME:

10:00

Dec. 22. 2006 3:46PM

TRA

**ATTACHMENT OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR
MANUFACTURER'S CERTIFICATES OF COMPLIANCE**
(Read Instructions on the reverse side prior to initiating this form)

DATE:

January 3, 2007

TRANSMITTAL NO.

45

Section I

REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO:

**USACE
Patrick Nejjand
333 Hamilton Blvd.
South Plainfield, NJ 07080**

FROM:

**Sevenson Environmental Services, Inc.
2749 Lockport Rd.
Niagara Falls, NY 14305**

CONTRACT NO.:

**W912DQ-04-D-0023
Task Order # 0005**☒ This is a New Submittal
☐ Resubmittal of
Transmittal No. _____

Check One: This Transmittal is for

☐ FIO ☒ Gov't Approval

SPECIFICATION SEC. NO. (Cover only one section with each transmittal)

02650

PROJECT TITLE AND LOCATION:

Cornell-Dublier Electronics Superfund Site OU2**South Plainfield, NJ**

ITEM NO. a.	DESCRIPTION OF ITEMS SUBMITTED (Type, size, model number, etc.) b.	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See Instruction No. 8) c.	NO. OF COPIES d.	CONTRACT REFERENCE DOCUMENT		For Contractor Use g.	VARIATIONS (See Instruction No. 6) h.	FOR CE USE CODE i.
				SPEC. PARA. NO. e.	DRAWING SHEET NO. f.			
1	Storage Tank Wall Scraping Sampling Results and chain of custody		3	1.3		A		

REMARKS:

1 copy for N. Kolb, USACE, Project Field Office, 26 Rustic Mall, Manville, NJ 08835
1 copy for E. Urbanik, USACE N. Resident Office, NY District, 214 State Highway 18 N, E. Brunswick, NJ 08816
1 copy for P. Mannino, USEPA Project Manager, Region 2, Project Field Office, 333 Hamilton Blvd, South Plainfield, NJ 07080

c.c. -SES- File

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Drawings and Specifications except as otherwise stated.

William Zambrana, SES

NAME AND SIGNATURE OF CONTRACTOR

Section II

APPROVAL ACTION

INCLOSURES RETURNED (List by Item No.)

NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY

DATE

FAX LEAD SHEET

WASTE STREAM TECHNOLOGY

302 GROTE STREET
BUFFALO, NY 14207
Phone (716)876-5290 Fax (716)876-2412

Environmental Laboratory Services, Radiological Laboratory Services,
Treatability Studies, and Bioremediation Supplies and Services

If this fax is incomplete or illegible, please call the number listed above.

DATE: 11/21/07.

NUMBER OF PAGES (including cover):

TO: Kim Lichtfield/
William Zambrana

13
FAX NUMBER:
908 243 0320

FROM: WST Inc.

MESSAGE:

Report for work order 6122008.

Confidentiality Notice:

This transmission is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged and exempt from disclosure under applicable law. Please call the number listed above if you have received this transmission in error. Destroy the original transmission without reading or saving in any manner. Thank you.

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date: 12/29/06
Work Order Number: 6L22008

Prepared For
Sam Tavelaris

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY 14305
Fax: (716) 285-4201

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/22/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Daniel W. Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Wall-1-4-122106	6L22008-01	Soil	12/21/06 09:30	12/22/06 15:00

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubiller Electronics
Project Number: Cornell-Dubiller Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

TCLP Metals by 6000/7000 Series Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Off Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Mercury	ND	0.001	mg/L	1	AL62707	12/27/06	12/27/06	EPA 7470A-TCLP	
Silver	ND	0.025	"	5	AL62711	12/27/06	12/27/06	6010B	
Arsenic	ND	0.045	"	"	"	"	"	"	
Barium	0.068	0.025	"	"	"	"	"	"	B
Cadmium	ND	0.025	"	"	"	"	"	"	
Chromium	ND	0.025	"	"	"	"	"	"	
Lead	ND	0.075	"	"	"	"	"	"	
Selenium	ND	0.095	"	"	"	"	"	"	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Aroclor 1016	ND	165	ug/kg dry	50	AL62716	12/27/06	12/27/06	8082	U
Aroclor 1221	ND	165	"	"	"	"	"	"	U
Aroclor 1232	ND	165	"	"	"	"	"	"	U
Aroclor 1242	4800	165	"	"	"	"	"	"	
Aroclor 1248	ND	165	"	"	"	"	"	"	U
Aroclor 1254	11500	165	"	"	"	"	"	"	
Aroclor 1260	1240	165	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		%	61-140	"	"	"	"	"	S-01, U
Surrogate: Decachlorobiphenyl		%	56-136	"	"	"	"	"	S-01, U

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

TCLP Volatile Organic Compounds by EPA Method 1311/8260B
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tapk-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
vinyl chloride	ND	10	ug/l	1	AL62704	12/27/06	12/27/06	8260-TCLP	U
1,1-dichloroethene	ND	10	"	"	"	"	"	"	U
2-butanone	ND	100	"	"	"	"	"	"	U
chloroform	ND	10	"	"	"	"	"	"	U
carbon tetrachloride	ND	10	"	"	"	"	"	"	U
benzene	ND	10	"	"	"	"	"	"	U
1,2-dichloroethane	ND	10	"	"	"	"	"	"	U
trichloroethene	16	10	"	"	"	"	"	"	U
tetrachloroethene	ND	10	"	"	"	"	"	"	U
chlorobenzene	ND	10	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	10	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane	98.7 %	75-125	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	66-128	"	"	"	"	"	"	
Surrogate: Toluene-d8	96.7 %	81-118	"	"	"	"	"	"	
Surrogate: Bromofluorobenzene	90.3 %	85-123	"	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

TCLP Pesticides by EPA Method 1311/8081A

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Gamma-BHC (Lindane)	ND	0.040	ug/l	1	AL62717	12/27/06	12/28/06	EPA 8081A	U
Heptachlor	ND	0.040	"	"	"	"	"	"	U
Heptachlor Epoxide	ND	0.040	"	"	"	"	"	"	U
Endrin	ND	0.040	"	"	"	"	"	"	U
Methoxychlor	ND	0.040	"	"	"	"	"	"	U
Chlordane	ND	0.800	"	"	"	"	"	"	U
Toxaphene	ND	0.040	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		74.5 %		55-135	"	"	"	"	
Surrogate: Decachlorobiphenyl		40.5 %		58-130	"	"	"	"	S-04

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

TCLP Herbicides by EPA Method 1311/8151A

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238 Oil Tank-WaR-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
2,4-D	ND	20.0	ug/l	50	AL62804	12/28/06	12/28/06	8151	U
2,4,5-TP (Silvex)	ND	20.0	"	"	"	"	"	"	U
Surrogate: 2,4-DCPAA		87.8 %	24-146	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C
Waste Stream Technology Inc.

Analyte	Result	Reporting Unit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
pyridine	ND	8	ug/l	1	AL62718	12/27/06	12/27/06	8270C-TCLP	U
1,4-dichlorobenzene	ND	8	"	"	"	"	"	"	U
Total cresols (o,m & p)	ND	24	"	"	"	"	"	"	U
hexachloroethane	ND	8	"	"	"	"	"	"	U
nitrobenzene	ND	8	"	"	"	"	"	"	U
hexachlorobutadiene	ND	8	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	16	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	8	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	8	"	"	"	"	"	"	U
hexachlorobenzene	ND	8	"	"	"	"	"	"	U
pentachlorophenol	ND	16	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		41.4 %	14-53	"	"	"	"	"	
Surrogate: Phenol-d6		27.2 %	10-35	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		83.8 %	38-96	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		76.8 %	41-95	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		99.0 %	44-124	"	"	"	"	"	
Surrogate: Terphenyl-d14		119 %	42-127	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

Conventional Chemistry Parameters by EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
pH	5.04	0.10	pH Units	1	AL62722	12/27/06	12/27/06	EPA 9045C	
% Solids	96.8	0.1	%	"	AL62801	12/27/06	12/28/06	% calculation	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

Physical Parameters by APHA/ASTM/EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Ignitability by Flashpoint	>200		deg F	1	AL62720	12/27/06	12/27/06	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	"	AL61930	12/22/06	12/22/06	Section 7.3.3.2	U
Reactive Sulfide	ND	40.0	"	"	AL61929	"	12/22/06	Section 7.3.4.2	U

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/29/06 10:32

Notes and Definitions

U Analyte included in the analysis, but not detected

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect

S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE (Read Instructions on the reverse side prior to initiating this form)					DATE: January 2, 2007		TRANSMITTAL NO. <div style="text-align: center; font-size: 1.5em;">42</div>	
Section I REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)								
TO: USACE Patrick Nejad 333 Hamilton Blvd. South Plainfield, NJ 07080			FROM: Severson Environmental Services, Inc. 2749 Lockport Rd. Niagara Falls, NY 14305			CONTRACT NO.: W912DQ-04-D-0023 Task Order # 0005		<input checked="" type="checkbox"/> This is a New Submittal ___ Re-submittal of Transmittal No. ___ Check One: This Transmittal is for ___ FIO <input checked="" type="checkbox"/> Gov't Approval
SPECIFICATION SEC. NO. (Cover only one section with each transmittal) <div style="text-align: center;">02650</div>				PROJECT TITLE AND LOCATION: Cornell-Dubilier Electronics Superfund Site OU2 <div style="text-align: right;">South Plainfield, NJ</div>				
ITEM NO.	DESCRIPTION OF ITEMS SUBMITTED (Type, size, model number, etc.)	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See instruction No. 8)	NO. OF COPIES	CONTRACT REFERENCE DOCUMENT		For Contractor Use	VARIATIONS (See instruction No. 8)	FOR CE USE CODE
				SPEC. PARA. NO.	DRAWING SHEET NO.			
a.	b.	c.	d.	e.	f.	g.	h.	i.
1	Storage Oil Tank bottom Solids Sampling Results and chain of custody		3	1.3		A		
REMARKS: 1 copy for N. Kolb, USACE, Project Field Office, 26 Rustic Mall, Manville, NJ 08835 1 copy for E. Urbanik, USACE N. Resident Office, NY District, 214 State Highway 18 N, E. Brunswick, NJ 08816 1 copy for P. Mannino, USEPA Project Manager, Region 2, Project Field Office, 333 Hamilton Blvd, South Plainfield, NJ 07080 c.c. -SES- File						I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the Contract Drawings and Specifications except as otherwise stated. <div style="text-align: right;"> <u>William Zambrana, SES</u> NAME AND SIGNATURE OF CONTRACTOR </div>		
Section II APPROVAL ACTION								
INCLOSURES RETURNED (List by Item No.)			NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY					DATE

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 878-5290

Analytical Data Report
Report Date: 12/28/06
Work Order Number: 6L20000

Cluster 12
TANK - Bottom
Solios

Prepared For
Sam Tavelaris
Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY 14305
Fax: (716) 285-4201

Site: Cornell-Dubiller Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/20/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavejaris

Reported:
12/28/06 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Solids-3-121906	6L20009-03	Solid	12/19/06 13:05	12/20/06 12:00
G238-Oil Tank-Solids-4-121906	6L20009-04	Solid	12/19/06 13:15	12/20/06 12:00

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/28/06 11:23

TCLP Metals by 6000/7000 Series Methods
Waste Stream Technology Inc.

Analysis	Result	Reporting Link	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-0H Tank Solids 4-121906 (GL20002-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
Mercury	ND	0.001	mg/L	1	AL62707	12/27/06	12/27/06	EPA 7470A-TCLP	U
Silver	ND	0.025	"	5	AL62210	12/22/06	12/22/06	6010B	U
Arsenic	ND	0.045	"	"	"	"	"	"	
Barium	0.129	0.025	"	"	"	"	"	"	
Cadmium	0.051	0.025	"	"	"	"	"	"	
Chromium	ND	0.025	"	"	"	"	"	"	
Lead	ND	0.075	"	"	"	"	"	"	U
Selenium	ND	0.095	"	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/28/06 11:23

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Link	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G338-Off Tank Solids 3-121906 (6L20009-03RE1) Solid Sampled: 12/19/06 13:05 Received: 12/20/06 12:00									
Aroclor 1016	ND	1320	ng/kg dry	400	AL62118	12/21/06	12/22/06	8082	U
Aroclor 1221	ND	1320	"	"	"	"	"	"	U
Aroclor 1232	ND	1320	"	"	"	"	"	"	U
Aroclor 1242	21200	1320	"	"	"	"	"	"	U
Aroclor 1248	ND	1320	"	"	"	"	"	"	U
Aroclor 1254	99400	1320	"	"	"	"	"	"	U
Aroclor 1260	13300	1320	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene	%	61-140	"	"	"	"	"	"	S-01, U
Surrogate: Decachlorobiphenyl	%	56-136	"	"	"	"	"	"	S-01, U

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/28/06 11:23

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-ON Tank Solids-4-121906 (6120009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
vinyl chloride	ND	10	ug/l	1	AL62704	12/27/06	12/27/06	8260-TCLP	U
1,1-dichloroethene	ND	10	"	"	"	"	"	"	U
2-butanone	ND	100	"	"	"	"	"	"	U
chloroform	ND	10	"	"	"	"	"	"	U
carbon tetrachloride	ND	10	"	"	"	"	"	"	U
benzene	ND	10	"	"	"	"	"	"	U
1,2-dichloroethane	ND	10	"	"	"	"	"	"	U
trichloroethene	ND	10	"	"	"	"	"	"	U
tetrachloroethene	ND	10	"	"	"	"	"	"	U
chlorobenzene	ND	10	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	10	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		95.7 %	75-125	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	66-128	"	"	"	"	"	
Surrogate: Toluene-d8		94.0 %	81-118	"	"	"	"	"	
Surrogate: Bromofluorobenzene		90.0 %	85-123	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/O-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/28/06 11:23

TCLP Pesticides by EPA Method 1311/8081A

Waste Stream Technology Inc.

Analysis	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238 Oil Tank Solids 4-121906 (6L20009-04RE1) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
Gamma-BHC (Lindane)	ND	0.400	ug/l	10	AL62720	12/22/06	12/26/06	EPA 8081A	U
Heptachlor	ND	0.400	"	"	"	"	"	"	U
Heptachlor Epoxide	ND	0.400	"	"	"	"	"	"	U
Endrin	ND	0.400	"	"	"	"	"	"	U
Methoxychlor	ND	0.400	"	"	"	"	"	"	U
Chlordane	ND	8.00	"	"	"	"	"	"	U
Toxaphene	ND	0.400	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		89.5 %	55-135	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		65.5 %	58-130	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/O-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubiller Electronics
Project Number: Cornell-Dubiller Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/28/06 11:23

TCLP Herbicides by EPA Method 1311/8151A
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-01 Tank Solids-4-121906 (6L20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
2,4-D	ND	20.0	ug/l	50	AL62609	12/24/06	12/27/06	8151	U
2,4,5-TP (Silvex)	ND	20.0	"	"	"	"	"	"	U
Surrogate: 2,4-DGPAA		101 %	24-146	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/28/06 11:23

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-OR Tank Solids 4-121906 (GL20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
pyridine	ND	8	ug/l	1	AL62219	12/22/06	12/22/06	8270C-TCLP	U
1,4-dichlorobenzene	ND	8	"	"	"	"	"	"	U
Total cresols (o,m & p)	ND	24	"	"	"	"	"	"	U
hexachloroethane	ND	8	"	"	"	"	"	"	U
nitrobenzene	ND	8	"	"	"	"	"	"	U
hexachlorobutadiene	ND	8	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	16	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	8	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	8	"	"	"	"	"	"	U
hexachlorobenzene	ND	8	"	"	"	"	"	"	U
pentachlorophenol	ND	16	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		34.0 %	22-57	"	"	"	"	"	
Surrogate: Phenol-d6		22.2 %	15-38	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		69.0 %	45-106	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		67.8 %	45-105	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		67.1 %	45-119	"	"	"	"	"	
Surrogate: Terphenyl-d14		84.0 %	31-127	"	"	"	"	"	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Sam Tavcharis

Reported:
12/28/06 11:23

Conventional Chemistry Parameters by EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-3-121906 (6L20009-03) Solid Sampled: 12/19/06 13:05 Received: 12/20/06 12:00									
% Solids	92.6	0.1	%	1	AL62202	12/21/06	12/22/06	% calculation	
G238-OR Tank-Solids-4-121906 (6L20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
pH	5.89	0.10	pH Units	1	AL62722	12/27/06	12/27/06	EPA 9045C	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
12/28/06 11:23

Physical Parameters by APHA/ASTM/EPA Methods
Waste Stream Technology Inc.

Analytes	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Off Tank Solids 4-121906 (6L20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
Ignitability by Flashpoint	>200		deg F	1	AL62712	12/26/06	12/26/06	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	"	AL61930	12/19/06	12/20/06	Section 7.3.3.2	U
Reactive Sulfide	ND	40.0	"	"	AL61929	12/19/06	12/20/06	Section 7.3.4.2	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavalaris

Reported:
12/28/06 11:23

Notes and Definitions

U Analyte included in the analysis, but not detected

S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

PAGE 1 OF 1

6L20009

TURN AROUND TIME:

QUOTATION NUMBER:

REQUIRED:

YES NO
If you please attach requirements

is a QC Package required.

YES NO
If you please attach requirements:

SAMPLER SIGNATURE

Waste Stream Technology Inc.
302 Grois Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

DW	DRINKING WATER	SL	SLUDGE
GW	GROUND WATER	SO	SOIL
SW	SURFACE WATER	S	SOLID
WW	WASTE WATER	W	WIFE
O	OK		OTHER

ANALYSES TO BE PERFORMED

SAMPLE ID.		DATE	TIME	SUN	TOT	IR	TEMP	TYPE OF CONTAINER/ COMMENTS	OFFICE USE ONLY WST. I.D.
1	G238 OIL TANK - SOLIDS - 1-121906	12/19/06	1250	50	2	Y			
2	G238 OIL TANK - SOLIDS - 2-121906	12/19/06	1255	50	2	X		2oz. glass	01
3	G238 OIL TANK - SOLIDS - 3-121906	12/19/06	1205	50	2		X	2oz. glass	02
4	G238 OIL TANK - SOLIDS - 4-121906	12/19/06	138	50	1		(X X)	2oz. glass	03
5	TEMP BLANK				1			16oz. glass	04
6							X	2oz. glass	
7									
8									
9									
10									
				Total	(8)				

REMARKS:

REMARKS:

UPS Tracking # 1Z-103-1AX-22-1005-8052

Proservative - ice

RELINQUISHED BY:

RELINQUISHED BY:

DATE:..

12/19/05

TIME:

1800

RECEIVED BY:

UPS

DATE:

12. 19 105

TIME:

1944

DATE:

/ /

TIME:

RECEIVED BY

DATE:

11212006

TIME:

17:00

No. 9288 P. 13

Dec. 28. 2006 11:45AM

Appendix E

Waste Generator Sheets

Pioneer Crossing Landfill
727 Red Lane Road
Birdsboro, PA 19308

Waste Generator Hazardous Waste Determination Certification

The undersigned, being duly authorized by the Company whose name is identified below (hereinafter referred to as the "Company") hereby certifies that the Company has completed a hazardous waste determination on the referenced waste stream in accordance with Code of Federal Regulations, Title 40 (40 CFR) Chapter I, Part 261.

The determination concluded that the waste stream described below does not contain, in whole or in part, a hazardous waste and:

- ☐ Has been excluded from regulation according to 40 CFR Chapter I, § 261.4.
- ☒ Is not a hazardous waste as defined under 40 CFR Chapter I, §261.3; is not a listed hazardous waste according to 40 CFR Chapter I, Part 261 subpart C, and/or is not a characteristic hazardous waste as identified in 40 CFR Chapter I, Part 261, subpart D.
- ☐ A hazardous waste determination has not been accomplished heretofore, I herein certify that based upon my knowledge of this waste stream and knowledge available to the Company, the waste stream contains no material listed in 40 CFR Chapter I, Part 261 subpart C; and/or is not a characteristic hazardous waste as described in 40 CFR Chapter I, Part 261, subpart D, and is not a hazardous waste as defined under 40 CFR Chapter I, §261.3.

Recertification Statement

- ☐ I certify that the physical and chemical properties of the waste, and the process by which the waste was generated, have not changed from those set forth for previous years and that all parameters that have not been tested for are known not to be present in our waste stream at, above, or within 80% of the threshold value set forth in the landfill's Form R.

Waste Stream: Cluster 12 Concrete
Generator: Cornell-Dubiller Superfund Site/US EPA Region II
Address: 333 Hamilton Boulevard
South Plainfield, NJ
Phone: 908-637-4395
Company Official: John Manna
Title: RPM
Date: 2/14/07

Signature: 

Taken, sworn, and subscribed before me, a Notary Public, this ____ day of _____, 20__.

Notary Signature: _____

Seal

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EPA REGION 2

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SEVENSON CORNELL DUB

PAGE 05/06

LDR NOTIFICATION OR CERTIFICATION FORM For New York Regulated PCB Waste

This form is required for waste containing 50 ppm PCB or greater. The profiled waste on the manifest number indicated below is listed hazardous waste ("B-coded") in NY. Note: 50-500 ppm PCB coated articles and small capacitors (as defined in 40CFR761.2) are not regulated by NY State. Please complete items 1, 2, 3, and 4 and send with the first shipment of waste/profile.

1) Generator Name US EPA Region II / Cornell Dubikere Site

2) Manifest Number 001757431 UK 3TCWM Profile V6 4062

4) Please check all boxes that apply.

NY Waste Code	Identify Type of PCB Waste
B001	<input type="checkbox"/> Concentrated PCB Oil
B002	<input type="checkbox"/> Oil/Liquid 50-499 ppm PCBs
B003	<input type="checkbox"/> Oil/Liquid 500 ppm or greater PCBs
B004	Manufactured PCB Articles 50-499 ppm: <div> <input type="checkbox"/> transformers <input type="checkbox"/> motors <input type="checkbox"/> switches <input type="checkbox"/> cable <input type="checkbox"/> pumps <input type="checkbox"/> pipe <input type="checkbox"/> large capacitors <input type="checkbox"/> bushings <input type="checkbox"/> other (specify): </div>
B005	Manufactured PCB Articles (other than transformers) 500 ppm or greater: <div> <input type="checkbox"/> motors <input type="checkbox"/> switches <input type="checkbox"/> cable <input type="checkbox"/> pumps <input type="checkbox"/> pipe <input type="checkbox"/> large capacitors <input type="checkbox"/> bushings <input type="checkbox"/> other (specify): </div>
B006	<input type="checkbox"/> PCB Transformers 500 ppm or greater
B007	Other PCB Wastes: <div> <input type="checkbox"/> soil <input type="checkbox"/> sludge <input type="checkbox"/> clothing <input type="checkbox"/> mgs <input type="checkbox"/> wood <input checked="" type="checkbox"/> other (specify): <u>Steel Tank and Solids</u> </div>

3.) Check one box as appropriate.

CERTIFICATION - WASTE MEETS LAND DISPOSAL TREATMENT STANDARDS

☒ I am the generator of the waste as identified above, that is managed under 6 NYCRR Part 374. I have determined that this waste meets all applicable treatment standards set forth in 6 NYCRR 374 and, therefore, it can be landfilled without further treatment. Waste does not include unrefined B002 petroleum liquid with PCBs 50-500 ppm.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 6 NYCRR Part 374, section 374.4, and all applicable prohibitions set forth in 374.3(b) of Part 374 of the RCRA section 3004(f). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

NOTIFICATION - WASTE DOES NOT MEET LAND DISPOSAL TREATMENT STANDARDS

☐ I am the generator of a waste regulated under 6 NYCRR Part 374 as identified above. I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 6 NYCRR Part 374 (f). This waste must be treated to the applicable standards set forth in 6 NYCRR 374.4 (f) prior to land disposal.

6.) Signature Peter M. [Signature]

7.) Title US EPA RPA

8.) Date 2/14/07

NYSDM 3000-01

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SEVENSON CORNELL DUB

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JRN-31-ED07 15:52 FROM:

TD:917162954801

P.6/12

1/31/07

LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM (EPA/600/R-97/001)

EPA-106-02

Generator Name:

SEVENSON CORNELL DUB

EPA/600/R-97/001

001757431 JK

Profile Number:

Y000

State Manifest No:

1. Is this waste a non-hazardous or hazardous? (See 40 CFR 268.2). Check ONE: ☐ Non-hazardous ☐ Hazardous
2. Identify ALL EPA hazardous waste codes that apply to this waste shipment, as defined in 40 CFR 261. For each waste code, identify the corresponding regulatory or state rule if the waste code has no regulatory, spent solvent treatment standards are listed on the following page, if PEST, multi-solvent leachate applies, waste constituents must be listed and analyzed by the generator. If 601-603 require treatment of the characteristic and meet 268.40 standards, then the underlying hazardous constituent(s) present in the waste must be listed and analyzed.

REF #	3. USE EPA HAZARDOUS WASTE CODE(S)	4. HAZARDOUS WASTE CHARACTERIZATION DESCRIPTION. IF NOT APPLICABLE, SIMPLY ENTER NONE		5. HAS THIS WASTE BEEN TREATED OR RECYCLED? ENTER YES OR NO
		DESCRIPTION	NOTE	
1				
2				
3				
4				

6. Identify PEST or PEST-2003, underlying hazardous waste code(s), and the "PUSH/underlying" treatment standard(s) provided (see 40 CFR 268.40) and check here: ☐
7. If this waste is hazardous in the waste upon its initial generation check here: ☐
8. To list additional EPA waste code(s) and subcategory(ies), use the supplemental sheet provided (EPA-2005-9) and check here: ☐
9. Please check for flowchart for all waste check here: ☐
10. Waste will be managed in a system regulated under the RCRA, or a State 1 information will under the RCRA check here: ☐

HOW MUST THE WASTE BE MANAGED? In column 5 above, enter the letter (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) which best describes how the waste must be managed to comply with the land disposal regulations (40 CFR 268.40). Please understand that if you enter the letter P, Q, R, S, T, U, V, W, X, Y, Z, you are making the appropriate certification as provided below. (States authorized by EPA to manage the RCRA program may have regulatory criteria different from the 40 CFR criteria listed below. Where these regulatory criteria differ, your certification will be signed to refer to those state criteria instead of the 40 CFR criteria.)

- A. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- B. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- C. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- D. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- E. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- F. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- G. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- H. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- I. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- J. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- K. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- L. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- M. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- N. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- O. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- P. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- Q. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- R. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- S. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- T. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- U. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- V. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- W. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- X. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- Y. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."
- Z. **HAZARDOUS WASTE TREATMENT**
 I hereby certify that the waste has been treated in accordance with the requirements of 40 CFR 268.40.
 I am aware that this hazardous waste is subject to the alternative treatment standards of 40 CFR 268.45."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

(X)

Signature:

John Mann

Title:

USEPA RPA

Date:

2/14/07

EPA/600/R-97/001

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SEVENSON CORNELL DUB

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PAGE 04/06

JAN-31-2007 16:52 FROM:

Date Printed 01/31/07

TIN 917162854284

P.7/12

Profile 3
MS NUMBER

ATTACHMENT 2

CRITICAL COMPOSITION: Additional constituents NOT included on page 1 of the Waste Profile
Concentration Range Unit Description

PCB

0 to 100.0 PPM

BARUM

0.15 to 0.15 MGA TE

**Cornell Dubillier Electronics Superfund Site – Site Sample Review
Form**

Prepared For: Sample ID(s) G238-Cluster12-Tank-Concrete-SW Wall-121406
G238-Cluster12-Tank-Concrete-E Wall-121406

Prepared By: Ken Paisley

CC: Kim Lickfield

Date: 01/11/07

Waste Determination (if applicable): Non TSCA/RCRA Hazardous C&D

This memorandum summarizes the results of the internal data quality review assessment for the above referenced sample(s) conducted by Severson Environmental Services, Inc., personnel as part of its Corporate Data Quality Assurance Program. All results have been evaluated relative to general guidance provided in 40 CFR 261, Identification and Listing of Hazardous Wastes, for hazardous waste determination. (www.epa.gov/epacfr40/chapt-I.info/chi-toc.htm).

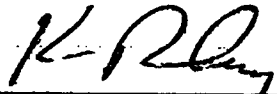
A copy of the data assessment sheet for the sample is attached. The analyses performed are of acceptable data quality.

"I, the undersigned, as authorized by my company and under its Contract No. W912DQ-04-D-0023, certify that the wastestream represented by this analysis will be managed as follows:

**Disposal Facility – Pioneer Crossing Landfill
Waste Classification – Subtitle D Landfill (Non-TSCA/RCRA
Hazardous C&D)**

This waste management decision is based upon the definitions of hazardous waste as defined in 40 CFR 261.20 to 261.24 and/or 40 CFR 761. Furthermore, based on generator's knowledge of site processes, the waste is not a listed hazardous waste per 40 CFR 261.30 to 261.34, and, TCLP and Total Characteristics not tested for are known not to be present in the concentrations equal to or greater than the values specified in the TC Rule in 40 CFR 261.24."

Approved by:


Kenneth Paisley, CHMM
Technical Services Manager

DATA EVALUATION CHECKLIST

Project Name/Sevenson Job Number: Cornell-Dubilier/G238
 Laboratory: Waste Stream Technology, Inc.
 Laboratory Report Number: 6L15006
 Laboratory Sample IDs: 6L15006-01, 6L15006-02
 Sample Collection Date(s): 12/14/06
 Sample Type/Matrix: Concrete/Waste Characterization
 Analyses Performed: TCLP Metals, PCBs
 Reviewed By: JAS Date Initiated: 01/11/07 Date Completed: 01/11/07

ATTACHMENTS:

X

Sample ID Table
 Laboratory/Analytical Deficiency Notification (DNF)
 Sample/Analysis Irregularity Form
 RPD Summary Table

REPORT CONTENTS: The following items should be included in the complete laboratory analytical data report. If any of the items are missing, contact the laboratory to obtain the missing items.

Field sample identifiers and corresponding laboratory ID numbers (also prepare a table that matches field sample IDs, laboratory IDs, rinsate blanks, trip blanks, duplicate samples, laboratory QC samples, and QA laboratory split samples)				
Case narrative	✓			
Chain-of-custody form(s)	✓			
Laboratory Sample Receipt Checklist and USACE Cooler Receipt Form	✓			
Shipping papers and custody seals	✓			
Data Qualifier Sheet that defines the data qualifiers used by the laboratory to report the analytical results	✓			
Summary of methodologies, receipt dates, analysis dates, etc.	✓			

DETAILED ASSESSMENT AND VALIDATION: Complete the assessment and validation for each laboratory data report by checking the appropriate column (yes "Y", no "N", or not applicable "NA"). If the answer to any of the questions is "no", an explanation of the non-compliance/deficiency and associated corrective action should be included in the case narrative and on a Laboratory/Analytical Deficiency Notification Form (DNF). If a DNF is available, attach to the Data Evaluation Checklist.

Was the chain-of-custody form properly completed and signed by the field personnel when relinquished and by the laboratory when received?	✓			
Was the chain-of-custody form free of errors and discrepancies?	✓			
Are the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms present and properly signed?	✓			
Do the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms indicate that the samples were received within proper temperature and in good condition?	✓			
Were samples that required preservation properly preserved?			✓	
Were all chain-of-custody-requested analyses performed?	✓			
Are analytical results reports present for all samples and for all analyses?	✓			
Do the result reports for each analytical parameter for each sample list all of the required site-specific compounds or metals as specified in the QAPP?	✓			
Were extraction (when applicable) and analysis holding times for sample met?	✓			
Does the report contain method blank results for each analytical parameter performed?	✓			
Were the method blanks free of target compounds?		✓		TCLP Barium - 0.037mg/L
Were the site samples free of compounds detected in the method blank?		✓		

If the site samples were not free of compounds detected in the method blank, did the laboratory flag the site samples with a "B" qualifier?	✓			No additional qualifiers were assigned during data review since the concentrations of barium in the field samples were greater than 5-times the method blank concentration.
If the report contains results for aqueous volatile organic samples, does the report contain trip blank results?			✓	
If the report contains results for samples collected using non-dedicated equipment, does the report contain rinsate blank results?			✓	
Were the site samples free of compounds detected in the trip and/or rinsate blank?			✓	
Does the report contain the results of LCS analyses with the corresponding control limits reported?	✓			
Are the recoveries from the LCS analyses within the corresponding control limits?	✓			
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.)			✓	
Does the report contain a field replicate sample?			✓	
Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table.			✓	
Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF.			✓	
For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported?	✓			
Are the surrogate compound recoveries within the control limits?	✓			
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.)			✓	
Does the report contain, for each applicable analytical parameter, the results of matrix spike sample analyses including the recoveries and corresponding control limits?	✓			
Does the report contain, for each applicable analytical parameter, the results of matrix spike duplicate and/or laboratory duplicate pairs, including the relative percent differences and corresponding control limits?	✓			
Are the recoveries from the matrix spike, matrix spike duplicate, and/or laboratory duplicate pairs, including the relative percent differences, within the control limits?		✓		The Aroclor 1016 and Aroclor 1260 MS and MSD recoveries were outside of the QC limits
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.)	✓			The LCS recoveries were within the QC limits. Aroclor 1016 and Aroclor 1260 were not detected in the field samples. According to the laboratory, matrix interference was the most likely cause of the recoveries outside of the QC limits. "J" qualifiers were assigned to the sample results during data review.
Do the analytical results reports list the sample quantitation limits for each compound?	✓			
Are the project-required quantitation limits included in the QAPP met?	✓			
If the quantitation limits are out of range, does the case narrative document the cause(s) as to why the limits are above criteria?			✓	
For the organic analysis parameters, are the results that are greater than the MDL but below the MOL properly flagged by the laboratory with the "J" qualifier?			✓	
For the organic parameter results that have compounds that are flagged with the "D" qualifiers, does the result report state the dilution factor that was used to obtain the result and the date on which the dilution was analyzed?			✓	

Data Assessment/Validation by:

Jennifer Singer
Name

Signature

Date

CQC Systems Review by:

Kenneth Paisley
Name

Signature

Date

Project Name/Job Number: Cornell-Dubilier/G238

Sample Type: Concrete/Waste Characterization

Sample Collection Date: 12/14/06

Laboratory: Waste Stream Technology, Inc.

Laboratory Report ID/Group Number: 6L15006

SAMPLE LOCATION (FIELD ID)	LABORATORY SAMPLE ID	ASSOCIATED FIELD DUPLICATE (FIELD AND LABORATORY ID)	LABORATORY QC PERFORMED WITH SAMPLE (If any)
G238-Cluster12-Tank-Concrete-SWWall- 121406	6L15006-01		PCB MS/MSD
G238-Cluster12-Tank-Concrete-EWall- 121406	6L15006-02		
	6L19013-01*		TCLP Mercury MS/MSD
	6L20004-01*		TCLP Metals MS/MSD

* Indicates sample analyzed in the same batch as samples from group number 6L15006

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date: 01/11/07
Work Order Number: 6L15006

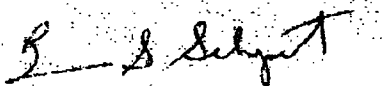
Prepared For
Kim Lickfield

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY 14305
Fax: (908) 243-0320

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/15/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



Waste Stream Technology Inc

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
01/11/07 11:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Cluster-12-Tank-Concrete-SW Wall-121406	6L15006-01	Solid	12/14/06 11:20	12/15/06 10:00
G238-Cluster-12-Tank-Concrete-E-Wall-121406	6L15006-02	Solid	12/14/06 13:40	12/15/06 10:00

Case Narrative

This narrative pertains to two samples from the Cornell-Dubilier Electronics G-238 site, collected on December 14, 2006 and received on December 15, 2006. The samples correspond to the Waste Stream Technology Inc. work order number 6L15006 and sample ID numbers 6L15006-01 and 6L15006-02.

1. **Sample Receipt and Preservation:** The samples arrived at the laboratory carefully packed in one cooler and the custody seals were intact on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 3.0°C). All of the containers in the cooler arrived intact and the labels on the containers were found to be complete. The information on the sample labels agreed with the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

2. **Sample Holding Times:** All required holding times were met for all of the extractions and analyses performed on the sample from work order number 6L15006.

3. **Method Blank Analysis:** The method blanks analyzed for each of the analytical parameters performed on the samples in work order number 6L15006 did not contain any target analytes, with the following exception:

3.1 Barium was detected in method blank AL62114-BLK1 for metals analysis at a level of 0.037 mg/L. The analyte was detected in all samples associated with this blank in amounts less than ten times the amounts found in the blank, therefore the sample results were flagged with B qualifiers.

4. **Laboratory Control Sample (LCS) Analysis:** Recoveries of the target analytes from the laboratory control samples associated with the analyses of the sample from work order number 6L15006 were found to be within the control limits.

5. **Matrix Spike and Matrix Spike Duplicate Analysis:** Matrix spike and matrix spike duplicates were performed for TCLP metals analysis on sample number 6L20004-01 (a sample not from work order number 6L15006, but prepared and analyzed in the same analytical batch). All recoveries and RPDs for this analysis were within QC limits.

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 6L19013-01 (a sample not from work order number 6L15006, but prepared and analyzed in the same analytical batch). All recoveries and RPDs for these analyses were within QC limits.

Matrix spike and matrix spike duplicates were performed for PCB analysis on sample number 6L15006-01RE1. All recoveries for this analysis were within QC limits, with the following exception:

5.1 The recoveries for matrix spike and matrix spike duplicate AL62118-MS2/MSD2 for PCB analysis of Aroclor 1016 and Aroclor 1260 were outside acceptable limits due to matrix interference and were flagged with QM-05 qualifiers. Since the LCS and LCSD recoveries were within QC limits, the data is acceptable.

Waste Stream Technology Inc.

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01/11/07 11:28

6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilier Electronics site samples from work order number 6L15006 and the associated quality control sample analyses were found to be within laboratory quality control limits.

7 Trip Blank Analyses: Trip blank analysis was not performed for this work order.

8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical data report is true, accurate and complete, and conforms to the current Sampling and Analysis Plan for the Higgins Farm Superfund Site. The Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
01/11/07 11:28

TCLP Metals by 6000/7000 Series Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Concrete-SW Wall-121406 (6L15006-01) Solid Sampled: 12/14/06 11:20 Received: 12/15/06 10:00									
Mercury	ND	0.001	mg/L	1	AL62015	12/20/06	12/20/06	EPA 7470A-TCLP	U
Silver	ND	0.025	"	5	AL62114	12/21/06	12/21/06	6010B	U
Arsenic	ND	0.045	"	"	"	"	"	"	U
Barium	0.296	0.025	"	"	"	"	"	"	B
Cadmium	ND	0.025	"	"	"	"	"	"	U
Chromium	ND	0.025	"	"	"	"	"	"	U
Lead	ND	0.075	"	"	"	"	"	"	U
Selenium	ND	0.095	"	"	"	"	"	"	U
G238-Cluster-12-Tank-Concrete-E-Wall-121406 (6L15006-02) Solid Sampled: 12/14/06 13:40 Received: 12/15/06 10:00									
Mercury	ND	0.001	mg/L	1	AL62015	12/20/06	12/20/06	EPA 7470A-TCLP	U
Silver	ND	0.025	"	5	AL62114	12/21/06	12/21/06	6010B	U
Arsenic	ND	0.045	"	"	"	"	"	"	U
Barium	0.217	0.025	"	"	"	"	"	"	B
Cadmium	ND	0.025	"	"	"	"	"	"	U
Chromium	ND	0.025	"	"	"	"	"	"	U
Lead	ND	0.075	"	"	"	"	"	"	U
Selenium	ND	0.095	"	"	"	"	"	"	U

Waste Stream Technology Inc

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Svenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
01/11/07 11:28

Polychlorinated Biphenyls by EPA Method 8082
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Concrete-SW Wall-121406 (6L15006-01RE1) Solid Sampled: 12/14/06 11:20 Received: 12/15/06 10:00									
Aroclor 1016	ND	33.0	ug/kg dry	10	AL62118	12/21/06	12/22/06	8082	U ✓
Aroclor 1221	ND	33.0	"	"	"	"	"	"	U
Aroclor 1232	ND	33.0	"	"	"	"	"	"	U
Aroclor 1242	ND	33.0	"	"	"	"	"	"	U
Aroclor 1248	ND	33.0	"	"	"	"	"	"	U
Aroclor 1254	1010	33.0	"	"	"	"	"	"	U ✓
Aroclor 1260	ND	33.0	"	"	"	"	"	"	U ✓
Surrogate: Tetrachloro-meta-xylene		120 %	61-140	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		89.5 %	56-136	"	"	"	"	"	
G238-Cluster-12-Tank-Concrete-E Wall-121406 (6L15006-02RE1) Solid Sampled: 12/14/06 13:40 Received: 12/15/06 10:00									
Aroclor 1016	ND	16.5	ug/kg dry	5	AL62118	12/21/06	12/22/06	8082	U ✓
Aroclor 1221	ND	16.5	"	"	"	"	"	"	U
Aroclor 1232	ND	16.5	"	"	"	"	"	"	U
Aroclor 1242	ND	16.5	"	"	"	"	"	"	U
Aroclor 1248	ND	16.5	"	"	"	"	"	"	U
Aroclor 1254	454	16.5	"	"	"	"	"	"	U ✓
Aroclor 1260	ND	16.5	"	"	"	"	"	"	U ✓
Surrogate: Tetrachloro-meta-xylene		132 %	61-140	"	"	"	"	"	
Surrogate: Decachlorobiphenyl		115 %	56-136	"	"	"	"	"	

JOV
1/11/07

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
01/11/07 11:28

Conventional Chemistry Parameters by EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Concrete-SW Wall-121406 (6L15006-01) Solid Sampled: 12/14/06 11:20 Received: 12/15/06 10:00									
% Solids	86.1	0.1	%	1	AL62202	12/21/06	12/22/06	% calculation	
G238-Cluster-12-Tank-Concrete-E Wall-121406 (6L15006-02) Solid Sampled: 12/14/06 13:40 Received: 12/15/06 10:00									
% Solids	85.7	0.1	%	1	AL62202	12/21/06	12/22/06	% calculation	

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Project Number: Cornell-Dubilier Electronics G-238
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Reported:
01/11/07 11:28

TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Batch AL62015 - EPA 7470A Leachate										
Blank (AL62015-BLK1)										
Prepared & Analyzed: 12/20/06										
Mercury	ND	0.001	mg/L							U
LCS (AL62015-BS1)										
Prepared & Analyzed: 12/20/06										
Mercury	0.00276	0.001	mg/L	0.00333		82.9	80-120			
Matrix Spike (AL62015-MS1)										
Source: 6L19013-01 Prepared & Analyzed: 12/20/06										
Mercury	0.00333	0.001	mg/L	0.00333	ND	100	75-125			
Matrix Spike Dup (AL62015-MSD1)										
Source: 6L19013-01 Prepared & Analyzed: 12/20/06										
Mercury	0.00329	0.001	mg/L	0.00333	ND	98.8	75-125	1.21	25	
Batch AL62114 - EPA 3015 Leachate										
Blank (AL62114-BLK1)										
Prepared & Analyzed: 12/21/06										
Silver	ND	0.025	mg/L							U
Arsenic	ND	0.045	"							U
Barium	0.037	0.025	"							U
Cadmium	ND	0.025	"							U
Chromium	ND	0.025	"							U
Lead	ND	0.075	"							U
Selenium	ND	0.095	"							U
LCS (AL62114-BS1)										
Prepared & Analyzed: 12/21/06										
Silver	1.14	0.025	mg/L	1.11		103	80-120			
Arsenic	1.20	0.045	"	1.11		108	80-120			
Barium	1.21	0.025	"	1.11		109	80-120			
Cadmium	1.19	0.025	"	1.11		107	80-120			
Chromium	1.12	0.025	"	1.11		101	80-120			
Lead	1.08	0.075	"	1.11		97.3	80-120			
Selenium	1.20	0.095	"	1.11		108	80-120			

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Reported:
01/11/07 11:28

TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62114 - EPA 3015 Leachate										
Matrix Spike (AL62114-MS1)		Source: 6L20004-01			Prepared & Analyzed: 12/21/06					
Silver	1.13	0.025	mg/L	1.11	ND	102	75-125			
Arsenic	1.42	0.045	"	1.11	0.241	106	75-125			
Barium	1.43	0.025	"	1.11	0.268	105	75-125			
Cadmium	1.17	0.025	"	1.11	ND	105	75-125			
Chromium	1.11	0.025	"	1.11	ND	100	75-125			
Lead	1.09	0.075	"	1.11	ND	98.2	75-125			
Selenium	1.21	0.095	"	1.11	ND	109	75-125			
Matrix Spike Dup (AL62114-MSD1)		Source: 6L20004-01			Prepared & Analyzed: 12/21/06					
Silver	1.15	0.025	mg/L	1.11	ND	104	75-125	1.75	25	
Arsenic	1.46	0.045	"	1.11	0.241	110	75-125	2.78	25	
Barium	1.45	0.025	"	1.11	0.268	106	75-125	1.39	25	
Cadmium	1.19	0.025	"	1.11	ND	107	75-125	1.69	25	
Chromium	1.14	0.025	"	1.11	ND	103	75-125	2.67	25	
Lead	1.10	0.075	"	1.11	ND	99.1	75-125	0.913	25	
Selenium	1.24	0.095	"	1.11	ND	112	75-125	2.45	25	

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Kim Lickfield

Reported:
01/11/07 11:28

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62118 - EPA 3550B										
Blank (AL62118-BLK1)										
Prepared & Analyzed: 12/21/06										
Aroclor 1016	ND	3.30	ug/kg wet							U
Aroclor 1221	ND	3.30	"							U
Aroclor 1232	ND	3.30	"							U
Aroclor 1242	ND	3.30	"							U
Aroclor 1248	ND	3.30	"							U
Aroclor 1254	ND	3.30	"							U
Aroclor 1260	ND	3.30	"							U
Surrogate: Tetrachloro-meta-xylene	18.6		"	16.7		111	61-140			
Surrogate: Decachlorobiphenyl	16.8		"	16.7		101	56-136			
LCS (AL62118-BS1)										
Prepared & Analyzed: 12/21/06										
Aroclor 1016	43.6	3.30	ug/kg wet	33.3		131	75-148			
Aroclor 1260	38.8	3.30	"	33.3		117	62-142			
Surrogate: Tetrachloro-meta-xylene	19.4		"	16.7		116	61-140			
Surrogate: Decachlorobiphenyl	17.6		"	16.7		105	56-136			
Matrix Spike (AL62118-MS2)										
Source: 6L15006-01RE1 Prepared: 12/21/06 Analyzed: 12/22/06										
Aroclor 1016	251	33.0	ug/kg dry	38.7	0.00	649	69-126			QM-05
Aroclor 1260	469	33.0	"	38.7	0.00	NR	62-152			QM-05
Surrogate: Tetrachloro-meta-xylene	26.3		"	19.4		136	61-140			
Surrogate: Decachlorobiphenyl	23.9		"	19.4		123	56-136			
Matrix Spike Dup (AL62118-MSD2)										
Source: 6L15006-01RE1 Prepared: 12/21/06 Analyzed: 12/22/06										
Aroclor 1016	255	33.0	ug/kg dry	38.7	0.00	659	69-126	1.58	30	QM-05
Aroclor 1260	455	33.0	"	38.7	0.00	NR	62-152	3.03	30	QM-05
Surrogate: Tetrachloro-meta-xylene	26.9		"	19.4		139	61-140			
Surrogate: Decachlorobiphenyl	23.3		"	19.4		120	56-136			

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Project: Cornell-Dubilier Electronics
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Project Manager: Kim Lickfield

Reported:
01/11/07 11:28

Notes and Definitions

U Analyte included in the analysis, but not detected

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Jan. 11. 2007 11:58AM

WORK ORDER

No. 9552 P. 6
Printed: 12/15/2006 10:21:45AM

6L15006

Waste Stream Technology Inc.

Client: Severson/G-Jobs
Project: Cornell-Dubiller ElectronicsProject Manager: Dan Vollmer
Project Number: Cornell-Dubiller Electronics G-238Report To:
Severson/G-Jobs
Kim Lickfield
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (908) 243-0318
Fax: (908) 243-0320Invoice To:
Severson/G-Jobs
Al LaGreca
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (716) 284-0431
Fax: (716) 284-1796Date Due: 01/02/07 15:00 (10 day TAT)
Received By: Kevin Burke
Logged In By: Kevin Burke
Shipped By: UPSDate Received: 12/15/06 10:00
Date Logged In: 12/15/06 10:17
Tracking No.: 1Z1031AX2210058061
Samples Received at: 3°C

Temp > 6.0	No	Sample container received broken	No
Preserved sample volume pft out of can	No	Sample label incomplete/did not match COC	No
Number of containers did not match CC	No	Geiger counter detected radioactivity	No
Cyanide leachages check positive	No	No attempt made to thermally preserve sample	No
Bubbles present in VOA container	No	COC not signed/filled out properly/blanked & I	No
Custody seals not present/blanked/signed	No		

Analysis	Date	TAT	Expires	Comments
6L15006-01 G238-Cluster-12-Tank-Concrete-SW Wall-121406 [Solid] Sampled 12/14/06 11:20 Eastern				
Solids, Dry Weight	01/02/07 12:00	10	06/12/07 11:20	
PCBs by 8082	01/02/07 12:00	10	12/28/06 11:20	
Metals, TCLP RCRA	01/02/07 12:00	10	12/24/06 11:20	

6L15006-02 G238-Cluster-12-Tank-Concrete-E-Wall-121406 [Solid] Sampled 12/14/06 13:40 Eastern				
Solids, Dry Weight	01/02/07 12:00	10	06/12/07 13:40	
PCBs by 8082	01/02/07 12:00	10	12/28/06 13:40	
Metals, TCLP RCRA	01/02/07 12:00	10	12/24/06 13:40	

pH Check:

Analysis groups included in this work order

Metals, TCLP RCRA

TCLP Extraction 1311 Metals RCRA TCLP ICP Hg TCLP CVAA

Requested analyses of work order have been
reviewed and approved By

Date

12/15/06

Review 1 By

Date

12/15/06

Review 2 By

D.J.

Jan. 11. 2007 11:58AM

Figure 4

No. 9552 P. 7

Army Corp. of Engineers Sample Receipt Form

LIMS # _____ No. of Coolers _____
 MRD Cooler # _____ Contract Cooler AD/WH
 PROJECT: SES Cornell - Dubilier Date Received: 12/15/06

USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERNING CHECK-IN PROBLEMS.

A. PRELIMINARY EXAMINATION PHASE Date cooler was opened:

by (sign): K Burke 12/15/06 (print): Kevin Burke

1. Did cooler come with shipping clip (airbill ext): YES NO
 If yes enter carrier name & airbill number here: VPS 12 103 14X 22-1005 806
2. Were custody seals on outside of cooler? YES NO
 How many, where, date, time: 2 - Front + Back 12/14/06
3. Were custody seals unbroken and intact at the date and time of arrival? YES NO
4. Did you screen samples for radioactivity using a Geiger counter? YES NO
5. Were custody papers sealed in a plastic bag & taped inside to the lid? YES NO
6. Were custody papers filled out properly (ink, signed, etc)? YES NO
7. Did you sign the custody papers in the appropriate places? YES NO
8. Was project identifiable from the custody forms?
 If YES, enter project name at the top of this form.
9. If required, was enough ice used? Type: Bagged Ice YES NO
 (date) 12/15/06
10. Have designated person initial here to acknowledge receipt of cooler.

B. LOG-IN PHASE: Date samples were logged-in:





by (sign): K Burke 12/15/06 (print): Kevin Burke

11. Describe type of packing in cooler: Bubble Wrap
12. Were all bottles sealed in separate plastic bags? YES NO
13. Did all bottles arrive unbroken and were labels in good condition? YES NO
14. Were all labels complete (ID, date, time, signature, preservation)? YES NO
15. Did all bottle labels agree with custody papers? YES NO
16. Were correct containers used for the tests indicated? YES NO
17. Were correct preservatives added to samples? YES NO
18. Was a sufficient amount of sample sent for tests indicated? YES NO
19. Were bubbles absent in VOA samples? If NO, list by sample #: N/A YES NO
20. Was the project manager called and status discussed? N/A YES NO
 If YES, give details on the back of this form.

21. Who was called? _____ Date: _____
 By whom? _____

WASTEWATER
17-0-1133

No. 9552 P. 8

		UPS Next Day Air UPS Worldwide Express		WEIGHT _____		DIMENSIONAL WEIGHT _____		LARGE AIR PACKAGE <input type="checkbox"/>		SHIPPER RELEASE <input type="checkbox"/>	
Shipping Document				<input type="checkbox"/> EXPRESS (INT'L)		<input type="checkbox"/> DOCUMENTS ONLY		<input type="checkbox"/>		<small> The shipper certifies that the contents of this package are as described on the shipping label. The shipper certifies that the contents of this package are not hazardous materials. The shipper certifies that the contents of this package are not restricted materials. The shipper certifies that the contents of this package are not prohibited materials. The shipper certifies that the contents of this package are not restricted materials. The shipper certifies that the contents of this package are not prohibited materials. </small>	
SATURDAY DELIVERY											
1Z 103 1AX 22 1005 8061											
											
1Z 103 1AX 22 1005 8061											
											
1Z 103 1AX 22 1005 8061											
											
1Z 103 1AX 22 1005 8061											
DATE OF SHIPMENT											
SHIPMENT ID NUMBER											
1031 AX78 8W											

1031AX
 238 Currell Dublier
 Sam Tavelakis
 FEDERAL CREOSOTE SUPERFUND SIT
 RUSTIC MALL
 DANVILLE
 NJ 08835-1428
 716-876-5211
 Sample Custodian
 Waste Stream Technology, Inc.
 502, Clark St.
 Buffalo, NY
 4207
 United Parcel Service, Louisville, KY

1031AX
 238 Currell Dublier
 Sam Tavelakis
 FEDERAL CREOSOTE SUPERFUND SIT
 RUSTIC MALL
 DANVILLE
 NJ 08835-1428
 716-876-5211
 Sample Custodian
 Waste Stream Technology, Inc.
 502, Clark St.
 Buffalo, NY
 4207
 United Parcel Service, Louisville, KY

1031AX
 238 Currell Dublier
 Sam Tavelakis
 FEDERAL CREOSOTE SUPERFUND SIT
 RUSTIC MALL
 DANVILLE
 NJ 08835-1428
 716-876-5211
 Sample Custodian
 Waste Stream Technology, Inc.
 502, Clark St.
 Buffalo, NY
 4207
 United Parcel Service, Louisville, KY

1031AX
 238 Currell Dublier
 Sam Tavelakis
 FEDERAL CREOSOTE SUPERFUND SIT
 RUSTIC MALL
 DANVILLE
 NJ 08835-1428
 716-876-5211
 Sample Custodian
 Waste Stream Technology, Inc.
 502, Clark St.
 Buffalo, NY
 4207
 United Parcel Service, Louisville, KY

1031AX
 238 Currell Dublier
 Sam Tavelakis
 FEDERAL CREOSOTE SUPERFUND SIT
 RUSTIC MALL
 DANVILLE
 NJ 08835-1428
 716-876-5211
 Sample Custodian
 Waste Stream Technology, Inc.
 502, Clark St.
 Buffalo, NY
 4207
 United Parcel Service, Louisville, KY

1031AX
 238 Currell Dublier
 Sam Tavelakis
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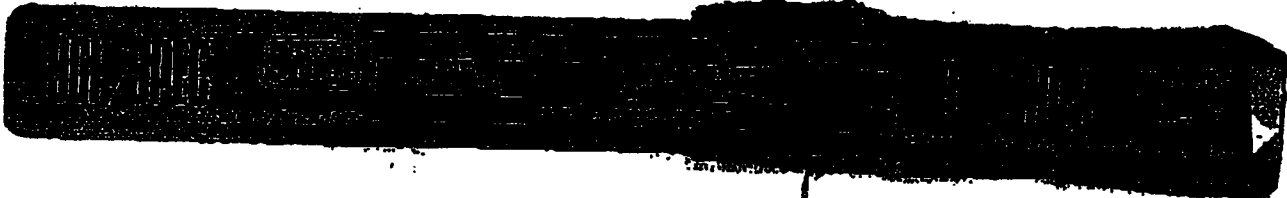
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 Sam Tavelakis



No. 9552 P. 9

Jan. 11. 2007 11:58AM

CHAIN OF CUSTODY

REPORT TO:
Solomon Environmental Services
333 Hamilton Blvd
South Plainfield, NJ 07080
Sam Tavelaris
 CONTACT
716-609-1775
 PH# ()
 FAX# ()
 BILL TO:
same
G238
 PO#
G238 - Cornell - Dubiler
 PROJECT DESCRIPTION
84
 SAMPLER SIGNATURE

WASTESTREAM
TECHNOLOGY

Waste Stream Technology Inc.
 302 Grote Street, Buffalo, NY 14207
 (716) 878-5290 • FAX (716) 878-2412

OFFICE USE ONLY

GROUP #

615006

DUE DATE

TURN AROUND TIME:

Enter Standard
 QUOTATION NUMBER:

PAGE 1 OF

ARE SPECIAL DETECTION LIMITS
 REQUIRED:
 YES NO
 If yes please attach requirements

Is a GC Package required:
 YES NO
 If yes please attach requirements.

DW DRINKING WATER SL SLUDGE
 GW GROUND WATER SO SOIL
 SW SURFACE WATER S SOLID
 WW WASTE WATER W WIPE
 O OIL OTHER

ANALYSES TO BE PERFORMED

SAMPLE I.D.	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	ANALYSES TO BE PERFORMED										TYPE OF CONTAINER/ COMMENTS	OFFICE USE ONLY WST. I.D.
					Total PCB's	TCUP Metals	Temperature									
1	12/14/06	1120	Other	1	X	X									Concrete Samples	01
2																
3	12/14/06	1340	Other	1	X	X										02
4				1			X									
5																
6																
7																
8																
9																
10																

REMARKS: UPS Tracking # 1Z-103-1AX-22-1005-8061
 Preservation - ice

RELINQUISHED BY: <u>Sam Tavelaris</u>	DATE: <u>12/14/06</u>	TIME: <u>1 FOS</u>	RECEIVED BY: <u>UPS</u>	DATE: <u>12/14/06</u>	TIME: <u>1800</u>
RELINQUISHED BY:	DATE: <u>1 1</u>	TIME:	RECEIVED BY: <u>R. Bumble</u>	DATE: <u>1/24/06</u>	TIME: <u>10:00</u>

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☒ YES ☐ NO

Profile Number: VG 4062 (Model City)

☐ Hazardous ☐ Non-Hazardous ☒ TSCA

Renewal Date: _____

A. Waste Generator Information

- | | |
|--|---|
| 1. Generator Name: <u>Cornell-Dublier Superfund Site/US EPA Region 2</u> | 2. SIC Code: _____ |
| 3. Facility Street Address: <u>333 Hamilton Boulevard</u> | 4. Phone: _____ |
| 5. Facility City: <u>South Plainfield</u> | 6. State/Province: <u>NJ</u> |
| 7. Zip/Postal Code: <u>08882</u> | 8. Generator USEPA/FED ID #: <u>NJD 981 557 879</u> |
| 9. County: _____ | 10. State/Province ID#: _____ |
| 11. Customer Name: <u>Sevenson Environmental Services, Inc.</u> | 12. Customer Phone: <u>(716) 284-0431</u> |
| 13. Customer Contact: <u>Jeff Shirley</u> | 14. Customer Fax: <u>(716) 285-4201</u> |
| 15. Billing Address: <u>2749 Lockport Road, Niagara Falls, NY 14302</u> | |

B. Waste Stream Information

1. DESCRIPTION

- a. Name of Waste: Tank Steel (Cluster 12 A6T), solids and crushed empty drums
- b. Processing Generating Waste: Tank steel from an above-ground storage tank (empty) removed during remedial action at the Site. Steel will be sized for shipment. Drums of bottom solids from the tank will be bulk consolidated and empty drums (22) will be crushed before loading. Analysis of the residual floor contents and sidewall solids of tank attached.

- | | | | | |
|--------------------------------|---|---|---|--|
| c. Color
<u>Brown/black</u> | d. Strong odor (describe)
<u>oil</u> | e. Physical state @ 70°F
<input checked="" type="checkbox"/> Solid
<input type="checkbox"/> Gas
<input type="checkbox"/> Other _____ | f. Layers
<input checked="" type="checkbox"/> Single Layer
<input type="checkbox"/> Multi-Layer | g. Free liquid range
to 0 %
h. pH: Range
5 to 9 |
|--------------------------------|---|---|---|--|

- i. Liquid Flash Point: ☐ <73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ >200°F
- j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis) ☒ Not Applicable

Constituents	Concentration Range	Constituents	Concentration Range
Tank Steel	95-100%		
Debris (paper, plastic, etc.)	0-1%		
Tank solids	1-2%		
Crushed, empty drums	1-5		
PCB	up to 133.9 ppm (see attached)		

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

- k. ☐ Oxidizer ☐ Pyrophoric ☐ Explosive ☐ Radioactive
☐ Carcinogen ☐ Infectious ☐ Shock Sensitive ☐ Water Reactive
- l. Does the waste represented by this profile contain any of the carcinogens which require OSHA Notification? (list in Section B.1.) ☒ YES ☐ NO
- m. Does the waste represented by this profile contain dioxins? (list in B.1.) ☐ YES ☒ NO
- n. Does the waste represented by this profile contain asbestos? ☐ YES ☒ NO
 If yes ☐ friable ☐ non-friable
- o. Does the waste represented by this profile contain benzene? ☐ YES ☒ NO
 If yes, concentration _____ ppm
 Is the waste subject to benzene waste operations NESHAP ☐ YES ☒ NO
- p. Is the waste subject to RCRA Subpart CC controls? ☐ YES ☒ NO
 If no, does the waste meet the organic LDR Exemption? ☐ YES ☒ NO
 If no does the waste contain <500 ppmw volatile organic (VO)? ☒ YES ☐ NO
 Volatile organic concentration, ppmw _____
- q. Does the waste contain any Class I or Class II ozone-depleting substance? ☐ YES ☒ NO
- r. Does the waste contain debris? (list in Section B.1.) ☒ YES ☐ NO
- s. Is the waste subject to controls as a Group 1 wastewater or residual under the HON? ☐ YES ☒ NO
 If yes, is it a Table 8 ☐ or Table 9 ☐ compound?

2. Quantity of Waste

Estimated Annual Volume 40 ☒ tons ☐ Yards ☐ Drums ☐ Other (specify) _____

3. Shipping Information

a. Packaging

- ☒ Bulk Solid: Type/Size _____
☐ Drum: Type/Size _____
☐ Bulk Liquid: Type/Size _____
☐ Other _____

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

- b. Shipping frequency: Units 3 Per: ☐ Month ☐ Quarter ☐ Year ☒ One Time ☐ Other _____
- c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e and f) ☒ YES ☐ NO
- d. Reportable quantity (lbs./kgs): 1 e. Hazardous Class/ID#: UN 2315
- f. USDOT Shipping Name RQ Polychlorinated Biphenyls, Solid
- g. Personal Protective Equipment Requirements _____
- h. Transporter/Transfer Station _____

C. Generator's Certification (Please check appropriate responses, sign and date below.)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2. ☐ YES ☒ NO
- a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U) _____
- b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (If yes, list in Section. B.I.) ☐ YES ☐ NO
- c. Does this waste contain debris? (If yes, list size and type in Chemical Composition- B.I.) ☒ YES ☐ NO
2. Is this a state hazardous waste? ☒ YES ☐ NO
Identify ALL state hazardous waste codes B007
3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☒ YES ☐ NO
If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. For state mandated clean-up, provide relevant documentation.
4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? ☐ YES ☒ NO
5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (If yes, list in Chemical Composition-B.I.) ☒ YES ☐ NO
a. If yes, were the PCBs imported into the U.S.? ☐ YES ☒ NO
6. Do the waste profile sheet and all the attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☒ YES ☐ NO
7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☒ YES ☐ NO

☒ Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Certification Signature: Peter Manno Title: USEPA RPA
Name (Type or Print): Peter Manno Company Name: USEPA Date: 12/1/07

☒ Check if additional information is attached. Indicate the number of attached pages. Tank Wall Solids (6L22008) and Tank Bottom Solids (6L20009) analytical results

D. Waste Management's Decision

1. Management Method ☐ Landfill ☐ Non-hazardous Solidification ☐ Bioremediation ☐ Incineration
☐ Hazardous Stabilization ☐ Other (Specify) _____
2. Proposed Ultimate Management Facility _____
3. Precautions, Special Handling Procedures, or Limitation on Approval _____
4. Waste Form: _____ 5. Source: _____ 6. System Type: _____
Special Waste Decision: ☐ Approved ☐ Disapproved
- Salesperson's Signature: _____ Date: _____

Cornell Dubillier Electronics Superfund Site – Site Sample Review Form

Prepared For: Sample ID(s) G238-Oil Tank-Wall-1-4-122106
G238-Oil Tank Solids-3-4-121906

Prepared By: Ken Paisley

CC: Kim Lickfield

Date: 01/17/07 (Rev 2)

Waste Determination (if applicable): PCB Debris > 50 PPM (TSCA)

This memorandum summarizes the results of the internal data quality review assessment for the above referenced sample(s) conducted by Severson Environmental Services, Inc., personnel as part of its Corporate Data Quality Assurance Program. All results have been evaluated relative to general guidance provided in 40 CFR 261, Identification and Listing of Hazardous Wastes, for hazardous waste determination. (www.epa.gov/epacfr40/chapt-I.info/chi-toc.htm).

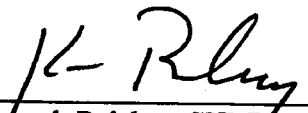
A copy of the data assessment sheet for the samples is attached. The analyses performed are of acceptable data quality.

"I, the undersigned, as authorized by my company and under its Contract No. W912DQ-04-D-0023, certify that the wastestream represented by this analysis will be managed as follows:

Disposal Facility – CWM Model City/Model City, NY
Waste Classification – PCB Debris > 50 ppm (TSCA Regulated)

This waste management decision is based upon the definitions of hazardous waste as defined in 40 CFR 261.20 to 261.24 and/or 40 CFR 761. Furthermore, based on generator's knowledge of site processes, the waste is not a listed hazardous waste per 40 CFR 261.30 to 261.34, and, TCLP and Total Characteristics not tested for are known not to be present in the concentrations equal to or greater than the values specified in the TC Rule in 40 CFR 261.24."

Approved by:


Kenneth Paisley, CHMM
Technical Services Manager

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Solids-3-121906	6L20009-03	Solid	12/19/06 13:05	12/20/06 12:00
G238-Oil Tank-Solids-4-121906	6L20009-04	Solid	12/19/06 13:15	12/20/06 12:00

Case Narrative

This narrative pertains to two samples from the Cornell-Dubilier Electronics G-238 site, collected on December 19, 2006 and received December 20, 2006. The samples correspond to the Waste Stream Technology Inc. work order number 6L20009 and sample ID numbers 6L20009-03 and 6L20009-04.

1. Sample Receipt and Preservation: The samples arrived at the laboratory carefully packed in one cooler and the custody seals on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 3°C). All of the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

2. Sample Holding Times: All required holding times were met for all of the extractions and analyses performed on the sample in work order number 6L20009.

3. Method Blank Analysis: The method blanks analyzed for each of the analytical parameters performed on the samples in work order number 6L20009 did not contain any target analytes.

4. Laboratory Control Sample (LCS) Analysis: Recoveries of the target analytes from the laboratory control samples associated with the analyses of the sample from work order number 6D28006 were found to be within the control limits, with the following exceptions:

4.1 The recoveries of TCLP arsenic and TCLP selenium from the laboratory control sample AL62210-BS1 were above QC limits and were flagged with the G qualifier. TCLP arsenic and TCLP selenium were not detected in sample 6L20009-04 therefore no qualifiers were assigned.

5. Matrix Spike and Matrix Spike Duplicate Analysis: Matrix spike and matrix spike duplicates were performed for TCLP metals on sample number 6L21006-02 (a sample not from work order number 6L20009, but prepared and analyzed in the same analytical batch). All recoveries and RPDs for this analysis were within QC limits.

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 6L20009-04. All recoveries and RPDs for these analyses were within QC limits.

Matrix spike and matrix spike duplicates were performed for PCB analysis on sample number 6L15006-01RE1 (a sample not from work order number 6L20009, but extracted and analyzed in the same analytical batch). All recoveries for this analysis were within QC limits with the following exceptions:

5.1 The matrix spike AL62118-MS2 and matrix spike duplicate recoveries AL62118-MSD2 for PCB analysis of Aroclor 1016 and Aroclor 1260 were outside acceptable limits due to matrix interference and were flagged with QM-05 qualifiers. Since the LCS recoveries were within QC limits, the data is acceptable.

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs

2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

Matrix spike analysis was performed for TCLP volatile analysis on sample number 6L22008-01 (a sample not from work order number 2L20009, but extracted and analyzed in the same analytical batch). All recoveries for this analysis were within QC limits.

Laboratory control sample duplicates were analyzed for TCLP pesticide and semivolatile organic compound analyses. The recoveries of RPDs for these analyses were within QC limits.

6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilier Electronics site samples from work order number 6L20009 and the associated quality control sample analyses were found to be within laboratory quality limits, with the following exceptions:

6.1 The recoveries of the surrogate compounds Tetrachloro-meta-xylene and Decachlorobiphenyl in sample 6L20009-03RE1 for PCB analysis were not available due to sample dilution required from high analyte concentration and were flagged with the S-01 and qualifiers.

7. Trip Blank Analyses: Trip blank analysis was not performed for this work order.

8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical report is true, accurate and complete, and conforms to the current Sampling and Analysis Plan for the ~~Higgins Farm~~ Superfund Site. A Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Metals by 6000/7000 Series Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906 (6L20009-04) Solid									
		Sampled: 12/19/06 13:15		Received: 12/20/06 12:00					
Mercury	ND	0.001	mg/L	1	AL62707	12/27/06	12/27/06	EPA 7470A-TCLP	U
Silver	ND	0.025	"	5	AL62210	12/22/06	12/22/06	6010B	U
Arsenic	ND	0.045	"	"	"	"	"	"	U
Barium	0.129	0.025	"	"	"	"	"	"	U
Cadmium	0.051	0.025	"	"	"	"	"	"	
Chromium	ND	0.025	"	"	"	"	"	"	
Lead	ND	0.075	"	"	"	"	"	"	U
Selenium	ND	0.095	"	"	"	"	"	"	U

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

Polychlorinated Biphenyls by EPA Method 8082
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Off Tank-Solids-3-121906 (6L20009-03RE1) Solid									
Sampled: 12/19/06 13:05 Received: 12/20/06 12:00									
Aroclor 1016	ND	1320	ug/kg dry	400	AL62118	12/21/06	12/22/06	8082	U
Aroclor 1221	ND	1320	"	"	"	"	"	"	U
Aroclor 1232	ND	1320	"	"	"	"	"	"	U
Aroclor 1242	21200	1320	"	"	"	"	"	"	U
Aroclor 1248	ND	1320	"	"	"	"	"	"	U
Aroclor 1254	99400	1320	"	"	"	"	"	"	U
Aroclor 1260	13300	1320	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		%	61-140	"	"	"	"	"	S-01, U
Surrogate: Decachlorobiphenyl		%	56-136	"	"	"	"	"	S-01, U

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Volatile Organic Compounds by EPA Method 1311/8260B
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank Solids-4-121906 (6L20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
vinyl chloride	ND	10	ug/l	1	AL62704	12/27/06	12/27/06	8260-TCLP	U
1,1-dichloroethene	ND	10	"	"	"	"	"	"	U
2-butanone	ND	100	"	"	"	"	"	"	U
chloroform	ND	10	"	"	"	"	"	"	U
carbon tetrachloride	ND	10	"	"	"	"	"	"	U
benzene	ND	10	"	"	"	"	"	"	U
1,2-dichloroethane	ND	10	"	"	"	"	"	"	U
trichloroethene	ND	10	"	"	"	"	"	"	U
tetrachloroethene	ND	10	"	"	"	"	"	"	U
chlorobenzene	ND	10	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	10	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		95.7 %	75-125	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	66-128	"	"	"	"	"	
Surrogate: Toluene-d8		94.0 %	81-118	"	"	"	"	"	
Surrogate: Bromofluorobenzene		90.0 %	85-123	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Pesticides by EPA Method 1311/8081A
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906 (6L20009-04RE1) Solid									
Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
Gamma-BHC (Lindane)	ND	0.400	ug/l	10	AL62220	12/22/06	12/26/06	EPA 8081A	U
Heptachlor	ND	0.400	"	"	"	"	"	"	U
Heptachlor Epoxide	ND	0.400	"	"	"	"	"	"	U
Endrin	ND	0.400	"	"	"	"	"	"	U
Methoxychlor	ND	0.400	"	"	"	"	"	"	U
Chlordane	ND	8.00	"	"	"	"	"	"	U
Toxaphene	ND	0.400	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		89.5 %		55-135	"	"	"	"	
Surrogate: Decachlorobiphenyl		65.5 %		58-130	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Herbicides by EPA Method 1311/8151A
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-08 Tank-Solids-4-121906 (6L20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
2,4-D	ND	20.0	ug/l	50	AL62609	12/26/06	12/27/06	8151	U
2,4,5-TP (Silvex)	ND	20.0	"	"	"	"	"	"	U
Surrogate: 2,4-DCPAA		101 %	24-146	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906 (6L20009-04) Solid									
Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
pyridine	ND	8	ug/l	1	AL62219	12/22/06	12/22/06	8270C-TCLP	U
1,4-dichlorobenzene	ND	8	"	"	"	"	"	"	U
Total cresols (o,m & p)	ND	24	"	"	"	"	"	"	U
hexachloroethane	ND	8	"	"	"	"	"	"	U
nitrobenzene	ND	8	"	"	"	"	"	"	U
hexachlorobutadiene	ND	8	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	16	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	8	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	8	"	"	"	"	"	"	U
hexachlorobenzene	ND	8	"	"	"	"	"	"	U
pentachlorophenol	ND	16	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		34.0 %	22-57	"	"	"	"	"	
Surrogate: Phenol-d6		22.2 %	15-38	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		69.0 %	45-106	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		67.8 %	45-105	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		67.1 %	45-119	"	"	"	"	"	
Surrogate: Terphenyl-d14		84.0 %	31-127	"	"	"	"	"	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

Conventional Chemistry Parameters by EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-3-121906 (6L20009-03) Solid Sampled: 12/19/06 13:05 Received: 12/20/06 12:00									
% Solids	92.6	0.1	%	1	AL62202	12/21/06	12/22/06	% calculation	
G238-Oil Tank-Solids-4-121906 (6L20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
pH	5.89	0.10	pH Units	1	AL62722	12/27/06	12/27/06	EPA 9045C	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

Physical Parameters by APHA/ASTM/EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906 (6L20009-04) Solid Sampled: 12/19/06 13:15 Received: 12/20/06 12:00									
Ignitability by Flashpoint	>200		deg F	1	AL62712	12/26/06	12/26/06	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	"	AL61930	12/20/06	12/20/06	Section 7.3.3.2	U
Reactive Sulfide	ND	40.0	"	"	AL61929	12/20/06	12/20/06	Section 7.3.4.2	U

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62210 - EPA 3015 Leachate

Blank (AL62210-BLK1)

Prepared & Analyzed: 12/22/06

Silver	ND	0.025	mg/L							U
Arsenic	ND	0.045	"							U
Barium	ND	0.025	"							U
Cadmium	ND	0.025	"							U
Chromium	ND	0.025	"							U
Lead	ND	0.075	"							U
Selenium	ND	0.095	"							U

LCS (AL62210-BS1)

Prepared & Analyzed: 12/22/06

Silver	1.26	0.025	mg/L	1.11		114	80-120			
Arsenic	1.36	0.045	"	1.11		123	80-120			G
Barium	1.33	0.025	"	1.11		120	80-120			
Cadmium	1.31	0.025	"	1.11		118	80-120			
Chromium	1.23	0.025	"	1.11		111	80-120			
Lead	1.28	0.075	"	1.11		115	80-120			
Selenium	1.46	0.095	"	1.11		132	80-120			G

LCS (AL62210-BS2)

Prepared & Analyzed: 12/27/06

Silver	1.06	0.025	mg/L	1.11		95.5	80-120			
Arsenic	1.07	0.045	"	1.11		96.4	80-120			
Barium	1.03	0.025	"	1.11		92.8	80-120			
Cadmium	1.08	0.025	"	1.11		97.3	80-120			
Chromium	0.989	0.025	"	1.11		89.1	80-120			
Lead	1.02	0.075	"	1.11		91.9	80-120			
Selenium	1.08	0.095	"	1.11		97.3	80-120			

Matrix Spike (AL62210-MS1)

Source: 6L21006-02

Prepared & Analyzed: 12/22/06

Silver	1.12	0.025	mg/L	1.11	0.0009	101	75-125			
Arsenic	1.49	0.045	"	1.11	0.340	104	75-125			
Barium	1.43	0.025	"	1.11	0.250	106	75-125			
Cadmium	1.15	0.025	"	1.11	0.00005	104	75-125			
Chromium	1.09	0.025	"	1.11	ND	98.2	75-125			
Lead	1.12	0.075	"	1.11	0.010	100	75-125			
Selenium	1.24	0.095	"	1.11	ND	112	75-125			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62210 - EPA 3015 Leachate

Matrix Spike Dup (AL62210-MSD1)	Source: 6L21006-02		Prepared & Analyzed: 12/22/06							
Silver	1.11	0.025	mg/L	1.11	0.0009	99.9	75-125	0.897	25	
Arsenic	1.53	0.045	"	1.11	0.340	107	75-125	2.65	25	
Barium	1.43	0.025	"	1.11	0.250	106	75-125	0.00	25	
Cadmium	1.15	0.025	"	1.11	0.00005	104	75-125	0.00	25	
Chromium	1.09	0.025	"	1.11	ND	98.2	75-125	0.00	25	
Lead	1.14	0.075	"	1.11	0.010	102	75-125	1.77	25	
Selenium	1.26	0.095	"	1.11	ND	114	75-125	1.60	25	

Batch AL62707 - EPA 7470A Leachate

Blank (AL62707-BLK1)	Prepared & Analyzed: 12/27/06									
Mercury	ND	0.001	mg/L							U
LCS (AL62707-BS1)	Prepared & Analyzed: 12/27/06									
Mercury	0.00341	0.001	mg/L	0.00333		102	80-120			
LCS (AL62707-BS2)	Prepared & Analyzed: 12/27/06									
Mercury	0.00351	0.001	mg/L	0.00333		105	80-120			
Matrix Spike (AL62707-MS1)	Source: 6L20009-04		Prepared & Analyzed: 12/27/06							
Mercury	0.00342	0.001	mg/L	0.00333	ND	103	75-125			
Matrix Spike Dup (AL62707-MSD1)	Source: 6L20009-04		Prepared & Analyzed: 12/27/06							
Mercury	0.00356	0.001	mg/L	0.00333	ND	107	75-125	4.01	25	

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62118 - EPA 3550B										
Blank (AL62118-BLK1)										
Prepared & Analyzed: 12/21/06										
Aroclor 1016	ND	3.30	ug/kg wet							U
Aroclor 1221	ND	3.30	"							U
Aroclor 1232	ND	3.30	"							U
Aroclor 1242	ND	3.30	"							U
Aroclor 1248	ND	3.30	"							U
Aroclor 1254	ND	3.30	"							U
Aroclor 1260	ND	3.30	"							U
Surrogate: Tetrachloro-meta-xylene	18.6		"	16.7		111	61-140			
Surrogate: Decachlorobiphenyl	16.8		"	16.7		101	56-136			
LCS (AL62118-BS1)										
Prepared & Analyzed: 12/21/06										
Aroclor 1016	43.6	3.30	ug/kg wet	33.3		131	75-148			
Aroclor 1260	38.8	3.30	"	33.3		117	62-142			
Surrogate: Tetrachloro-meta-xylene	19.4		"	16.7		116	61-140			
Surrogate: Decachlorobiphenyl	17.6		"	16.7		105	56-136			
Matrix Spike (AL62118-MS2)										
Source: 6L15006-01RE1 Prepared: 12/21/06 Analyzed: 12/22/06										
Aroclor 1016	251	33.0	ug/kg dry	38.7	0.00	649	69-126			QM-05
Aroclor 1260	469	33.0	"	38.7	0.00	NR	62-152			QM-05
Surrogate: Tetrachloro-meta-xylene	26.3		"	19.4		136	61-140			
Surrogate: Decachlorobiphenyl	23.9		"	19.4		123	56-136			
Matrix Spike Dup (AL62118-MSD2)										
Source: 6L15006-01RE1 Prepared: 12/21/06 Analyzed: 12/22/06										
Aroclor 1016	235	33.0	ug/kg dry	38.7	0.00	659	69-126	1.58	30	QM-05
Aroclor 1260	455	33.0	"	38.7	0.00	NR	62-152	3.03	30	QM-05
Surrogate: Tetrachloro-meta-xylene	26.9		"	19.4		139	61-140			
Surrogate: Decachlorobiphenyl	23.3		"	19.4		120	56-136			

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62704 - EPA 1311/ZHE

Blank (AL62704-BLK1)

Prepared & Analyzed: 12/27/06

vinyl chloride	ND	10	ug/l							U
1,1-dichloroethene	ND	10	"							U
2-butanone	ND	100	"							U
chloroform	ND	10	"							U
carbon tetrachloride	ND	10	"							U
benzene	ND	10	"							U
1,2-dichloroethane	ND	10	"							U
trichloroethene	ND	10	"							U
tetrachloroethene	ND	10	"							U
chlorobenzene	ND	10	"							U
1,4-dichlorobenzene	ND	10	"							U
Surrogate: Dibromofluoromethane	28.6		ng/ml	30.0		95.3	75-125			
Surrogate: 1,2-Dichloroethane-d4	29.6		"	30.0		98.7	66-128			
Surrogate: Toluene-d8	28.1		"	30.0		93.7	81-118			
Surrogate: Bromofluorobenzene	28.2		"	30.0		94.0	85-123			

LCS (AL62704-BS1)

Prepared & Analyzed: 12/27/06

vinyl chloride	147	10	ug/l	200		73.5	57-127			
1,1-dichloroethene	175	10	"	200		87.5	70-123			
2-butanone	246	100	"	200		123	66-156			
chloroform	187	10	"	200		93.5	71-130			
carbon tetrachloride	185	10	"	200		92.5	70-125			
benzene	184	10	"	200		92.0	78-119			
1,2-dichloroethane	194	10	"	200		97.0	75-125			
trichloroethene	184	10	"	200		92.0	78-118			
tetrachloroethene	192	10	"	200		96.0	71-119			
chlorobenzene	186	10	"	200		93.0	81-115			
1,4-dichlorobenzene	191	10	"	200		95.5	75-120			
Surrogate: Dibromofluoromethane	29.4		ng/ml	30.0		98.0	75-125			
Surrogate: 1,2-Dichloroethane-d4	28.3		"	30.0		94.3	66-128			
Surrogate: Toluene-d8	28.4		"	30.0		94.7	81-118			
Surrogate: Bromofluorobenzene	27.5		"	30.0		91.7	85-123			

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62704 - EPA 1311/ZHE

Matrix Spike (AL62704-MS1)

Source: 6L22008-01

Prepared & Analyzed: 12/27/06

vinyl chloride	153	10	ug/l	200	0	76.5	54-125
1,1-dichloroethene	172	10	"	200	0	86.0	70-123
2-butanone	226	100	"	200	0	113	59-177
chloroform	193	10	"	200	0	96.5	71-124
carbon tetrachloride	181	10	"	200	0	90.5	67-114
benzene	186	10	"	200	0	93.0	81-114
1,2-dichloroethane	192	10	"	200	0	96.0	74-123
trichloroethene	201	10	"	200	16	92.5	73-119
tetrachloroethene	192	10	"	200	0	96.0	72-116
chlorobenzene	192	10	"	200	0	96.0	81-113
1,4-dichlorobenzene	184	10	"	200	0	92.0	77-115
Surrogate: Dibromofluoromethane	29.0		ng/ml	30.0		96.7	75-125
Surrogate: 1,2-Dichloroethane-d4	29.5		"	30.0		98.3	66-128
Surrogate: Toluene-d8	29.1		"	30.0		97.0	81-118
Surrogate: Bromofluorobenzene	27.2		"	30.0		90.7	85-123

Waste Stream Technology Inc.

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2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Pesticides by EPA Method 1311/8081A - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62220 - EPA 3510C Leachate										
Blank (AL62220-BLK1)										
Prepared & Analyzed: 12/22/06										
Gamma-BHC (Lindane)	ND	0.040	ug/l							U
Heptachlor	ND	0.040	"							U
Heptachlor Epoxide	ND	0.040	"							U
Endrin	ND	0.040	"							U
Methoxychlor	ND	0.040	"							U
Chlordane	ND	0.800	"							U
Toxaphene	ND	0.040	"							U
Surrogate: Tetrachloro-meta-xylene	1.80		"	2.00		90.0	55-135			
Surrogate: Decachlorobiphenyl	1.77		"	2.00		88.5	58-130			
LCS (AL62220-BS1)										
Prepared & Analyzed: 12/22/06										
Gamma-BHC (Lindane)	0.958	0.040	ug/l	1.20		79.8	72-128			
Heptachlor	1.01	0.040	"	1.20		84.2	78-130			
Heptachlor Epoxide	0.953	0.040	"	1.20		79.4	68-128			
Endrin	1.02	0.040	"	1.20		85.0	73-143			
Methoxychlor	1.31	0.040	"	1.20		109	73-136			
Surrogate: Tetrachloro-meta-xylene	1.69		"	2.00		84.5	55-135			
Surrogate: Decachlorobiphenyl	1.63		"	2.00		81.5	58-130			
LCS Dup (AL62220-BSD1)										
Prepared & Analyzed: 12/22/06										
Gamma-BHC (Lindane)	0.991	0.040	ug/l	1.20		82.6	72-128	3.39	25	
Heptachlor	1.04	0.040	"	1.20		86.7	78-130	2.93	25	
Heptachlor Epoxide	0.972	0.040	"	1.20		81.0	68-128	1.97	25	
Endrin	1.05	0.040	"	1.20		87.5	73-143	2.90	25	
Methoxychlor	1.44	0.040	"	1.20		120	73-136	9.45	25	
Surrogate: Tetrachloro-meta-xylene	1.72		"	2.00		86.0	55-135			
Surrogate: Decachlorobiphenyl	1.66		"	2.00		83.0	58-130			

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Herbicides by EPA Method 1311/8151A - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62609 - EPA 3510C Leachate										
Blank (AL62609-BLK1)				Prepared: 12/26/06		Analyzed: 12/27/06				
2,4-D	ND	20.0	ug/l							U
2,4,5-TP (Silvex)	ND	20.0	"							U
Surrogate: 2,4-DCPAA	340		"	400		85.0	24-146			
LCS (AL62609-BS1)				Prepared: 12/26/06		Analyzed: 12/27/06				
2,4-D	373	20.0	ug/l	400		93.2	57-151			
2,4,5-TP (Silvex)	371	20.0	"	400		92.8	70-144			
Surrogate: 2,4-DCPAA	366		"	400		91.5	24-146			

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2749 Lockport Road
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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62219 - EPA 3510C Leachate

Blank (AL62219-BLK1)

Prepared & Analyzed: 12/22/06

pyridine	ND	8	ug/l							U
1,4-dichlorobenzene	ND	8	"							U
Total cresols (o,m & p)	ND	24	"							U
hexachloroethane	ND	8	"							U
nitrobenzene	ND	8	"							U
hexachlorobutadiene	ND	8	"							U
2,4,6-trichlorophenol	ND	16	"							U
2,4,5-trichlorophenol	ND	8	"							U
2,4-dinitrotoluene	ND	8	"							U
hexachlorobenzene	ND	8	"							U
pentachlorophenol	ND	16	"							U
Surrogate: 2-Fluorophenol	372		"	800		46.5	22-57			
Surrogate: Phenol-d6	226		"	800		28.2	15-38			
Surrogate: Nitrobenzene-d5	373		"	400		93.2	45-106			
Surrogate: 2-Fluorobiphenyl	382		"	400		95.5	45-105			
Surrogate: 2,4,6-Tribromophenol	873		"	800		109	45-119			
Surrogate: Terphenyl-d14	463		"	400		116	31-127			

LCS (AL62219-BS1)

Prepared & Analyzed: 12/22/06

pyridine	54.8	8	ug/l	200		27.4	7-52			
1,4-dichlorobenzene	116	8	"	200		58.0	46-95			
Total cresols (o,m & p)	180	24	"	400		45.0	37-76			
hexachloroethane	123	8	"	200		61.5	44-101			
nitrobenzene	131	8	"	200		65.5	61-93			
hexachlorobutadiene	128	8	"	200		64.0	51-114			
2,4,6-trichlorophenol	144	16	"	200		72.0	62-101			
2,4,5-trichlorophenol	142	8	"	200		71.0	59-105			
2,4-dinitrotoluene	152	8	"	200		76.0	72-113			
hexachlorobenzene	152	8	"	200		76.0	67-127			
pentachlorophenol	174	16	"	200		87.0	59-132			
Surrogate: 2-Fluorophenol	321		"	800		40.1	22-57			
Surrogate: Phenol-d6	209		"	800		26.1	15-38			
Surrogate: Nitrobenzene-d5	346		"	400		86.5	45-106			
Surrogate: 2-Fluorobiphenyl	393		"	400		98.2	45-105			
Surrogate: 2,4,6-Tribromophenol	939		"	800		117	45-119			
Surrogate: Terphenyl-d14	471		"	400		118	31-127			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch AL62219 - EPA 3510C Leachate

LCS Dup (AL62219-BSD1)

Prepared & Analyzed: 12/22/06

pyridine	67.5	8	ug/l	200		33.8	7-52	20.8	30	
1,4-dichlorobenzene	143	8	"	200		71.5	46-95	20.8	30	
Total cresols (o,m & p)	217	24	"	400		54.2	37-76	18.6	30	
hexachloroethane	150	8	"	200		75.0	44-101	19.8	30	
nitrobenzene	159	8	"	200		79.5	61-93	19.3	30	
hexachlorobutadiene	155	8	"	200		77.5	51-114	19.1	30	
2,4,6-trichlorophenol	151	16	"	200		75.5	62-101	4.75	30	
2,4,5-trichlorophenol	144	8	"	200		72.0	59-105	1.40	30	
2,4-dinitrotoluene	158	8	"	200		79.0	72-113	3.87	30	
hexachlorobenzene	155	8	"	200		77.5	67-127	1.95	30	
pentachlorophenol	172	16	"	200		86.0	59-132	1.16	30	
Surrogate: 2-Fluorophenol	300		"	800		37.5	22-57			
Surrogate: Phenol-d6	192		"	800		24.0	15-38			
Surrogate: Nitrobenzene-d5	309		"	400		77.2	45-106			
Surrogate: 2-Fluorobiphenyl	317		"	400		79.2	45-105			
Surrogate: 2,4,6-Tribromophenol	691		"	800		86.4	45-119			
Surrogate: Terphenyl-d14	347		"	400		86.8	31-127			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch AL61929 - General Preparation									
Blank (AL61929-BLK1)				Prepared: 12/15/06		Analyzed: 12/19/06			
Reactive Sulfide	ND	40.0	mg/kg						
LCS (AL61929-BS1)				Prepared: 12/15/06		Analyzed: 12/19/06			
Reactive Sulfide	409	40.0	mg/kg	505		81.0	66-109		
Batch AL61930 - General Preparation									
Blank (AL61930-BLK1)				Prepared: 12/15/06		Analyzed: 12/19/06			
Reactive Cyanide	ND	40.0	mg/kg						
LCS (AL61930-BS1)				Prepared: 12/15/06		Analyzed: 12/19/06			
Reactive Cyanide	79.1	40.0	mg/kg	849		9.32	7-12		
Batch AL62712 - General Preparation									
LCS (AL62712-BS1)				Prepared: 12/26/06		Analyzed: 12/27/06			
Ignitability by Flashpoint	82		deg F	81.0		101	80-120		

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 13:44

Notes and Definitions

- U Analyte included in the analysis, but not detected
- S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- G G denotes analyte recovery is greater than the upper quality control limit.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

6L20009

Waste Stream Technology Inc.

Client: Severson/G-Jobs
Project: Cornell-Dubilier ElectronicsProject Manager: Dan Vollmer
Project Number: Cornell-Dubilier Electronics G-238Report To:
Severson/G-Jobs
Sam Tavelaris
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (716) 609-1775
Fax: (716) 285-4201Invoice To:
Severson/G-Jobs
Al LaGrecia
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (716) 284-0431
Fax: (716) 284-1796Date Due: 12/28/06 15:00 (5 day TAT)
Received By: Kevin Burke
Logged In By: Kevin Burke
Shipped By: UPSDate Received: 12/20/06 12:00
Date Logged In: 12/20/06 12:22
Tracking No.: 1Z1031AX2210058052
Samples Received at: 3°C

Temp > 6.0	No	Sample container received broken	No	Also fax report to Ken Paisley, SES NF
Preserved sample volume pH out of range	No	Sample label incomplete/did not match COC	No	
Number of containers did not match CX	No	Gelger counter detected radioactivity	No	
Cyanide interference check positive	No	No attempt made to thermally preserve sample	No	
Bubbles present in VOA container	No	COC not signed/filled out properly/sealed & l	No	
Custody seals not present/intact/signed	No			

Analysis	Due	TAT	Expires	Comments
6L20009-01 G238-Oil Tank-Solids-1-121906 [Solid] Sampled 12/19/06 12:50				
Eastern				
TCLP ZHB Extraction	12/28/06 12:00	5	01/02/07 12:50	
8260 TCLP	12/28/06 12:00	5	01/02/07 12:50	
6L20009-02 G238-Oil Tank-Solids-2-121906 [Solid] Sampled 12/19/06 12:55				
Eastern				
8260 TCLP	12/28/06 12:00	5	01/02/07 12:55	
TCLP ZHB Extraction	12/28/06 12:00	5	01/02/07 12:55	
6L20009-03 G238-Oil Tank-Solids-3-121906 [Solid] Sampled 12/19/06 13:05				
Eastern				
PCBs by 8082	12/28/06 12:00	5	01/02/07 13:05	
Solids, Dry Weight	12/28/06 12:00	5	06/17/07 13:05	
6L20009-04 G238-Oil Tank-Solids-4-121906 [Solid] Sampled 12/19/06 13:15				
Eastern				
Full TCLP + RCRA Char	12/28/06 12:00	5	12/29/06 13:15	
TCLP ZHB Extraction	12/28/06 12:00	5	01/02/07 13:15	
TCLP Extraction 1311	12/28/06 12:00	5	01/02/07 13:15	

pH Check:

K. B. 12/20/06

Requested analyses of work order have been
reviewed and approved By

Date

Review 1 By

Date

Review 2 By

WORK ORDER

6L20009

Waste Stream Technology Inc.

Client: Severson/G-Jobs
Project: Cornell-Dubilier ElectronicsProject Manager: Dan Vollmer
Project Number: Cornell-Dubilier Electronics G-238

Analysis groups included in this work order

Full TCLP + RCRA Char

Reactive Sulfide

Reactive Cyanide

pH soil 9045

Metals RCRA TCLP ICP

Ignitability-1010

Hg TCLP CVAA

8270 TCLP

8260 TCLP

8151 TCLP Herbicides

8081 TCLP Pesticides

Requested analyses of work order have been
reviewed and approved By

Date

Review 1 By

Date

Review 2 By

Army Corp. of Engineers Sample Receipt Form

LIMS #

No. of Coolers

MRD Cooler #

Contract Cooler

PROJECT:

Date Received:

SEG Connell-Dubilier

BL/WH

12/20/06

USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERNING CHECK-IN PROBLEMS.

A. PRELIMINARY EXAMINATION PHASE: Date cooler was opened:

by (sign):

(print):

K. Burke 12/20/06

Kevin Burke

1. Did cooler come with shipping slip (airbill set):

YES

NO

If yes enter carrier name & airbill number here:

UPS
12103 LAX 22 10028052

2. Were custody seals on outside of cooler?

YES

NO

How many, where, date, time:

2 - Front & Back

3. Were custody seals unbroken and intact at the date and time of arrival?

YES

NO

4. Did you screen samples for radioactivity using a Galger counter?

YES

NO

5. Were custody papers sealed in a plastic bag & taped inside to the lid?

YES

NO

6. Were custody papers filled out properly (ink, signed, etc)?

YES

NO

7. Did you sign the custody papers in the appropriate places?

YES

NO

8. Was project identifiable from the custody forms?

YES

NO

If YES, enter project name at the top of this form.

9. If required, was enough ice used? Type:

YES

NO

Bagged Ice

10. Have designated person initial here to acknowledge receipt of cooler:

(date)

12/20/06

B. LOG-IN PHASE: Date samples were logged-in:

by (sign):

(print):

K. Burke 12/20/06

Kevin Burke

11. Describe type of packing in cooler:

Bubble wrap

12. Were all bottles sealed in separate plastic bags?

YES

NO

13. Did all bottles arrive unbroken and were labels in good condition?

YES

NO

14. Were all labels complete (ID, date, time, signature, preservation)?

YES

NO

15. Did all bottle labels agree with custody papers?

YES

NO

16. Were correct containers used for the tests indicated?

YES

NO

17. Were correct preservatives added to samples?

YES

NO

18. Was a sufficient amount of sample sent for tests indicated?

YES

NO

19. Were bubbles absent in VOA samples? If NO, list by sample #:

YES

NO

N/A
N/A

20. Was the project manager called and status discussed?

YES

NO

If YES, give details on the back of this form.

21. Who was called?

Date:

By whom?

WASTE STREAM
12/20/06

CHAIN OF CUSTODY

REPORT TO:
Shaw-Walker Environmental Services
315 Hamilton Blvd
South Plainfield, NJ 07080
Joe Tuckers
908-409-1775
 PROJECT:
G236
 ALL TO:
G236
 FOR:
G236 - Cornell-DuBois
 PROJECT DESCRIPTION:
Site
 ANALYST SIGNATURE:

WASTESTREAM

Waste Stream Technology Inc.
 303 Grove Street, Buffalo, NY 14207
 (716) 870-8280 • FAX (716) 870-8412

OFFICE USE ONLY

GROUP # GL20009

DUE DATE

TURN AROUND TIME:

5 day

QUOTATION NUMBER:

PAGE 1 OF 1

ARE SPECIAL DETECTION LABS

REQUIRED?

YES NO

If yes please attach requirements

Is a CO Package required?

YES NO

If yes please attach requirements

SW GROUND WATER
 GW GROUND WATER
 SW SURFACE WATER
 WW WASTE WATER
 O OIL

ANALYSES TO BE PERFORMED

SAMPLE ID	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO OF CONTAINERS	TYPE OF CONTAINER	OFFICE USE ONLY
1	12/14/05	12:00	SW	2	200. glass	01
2	12/14/05	12:05	SW	2	200. glass	02
3	12/14/05	12:10	SW	2	200. glass	03
4	12/14/05	12:15	SW	1	200. glass	04
5	12/14/05	12:20	SW	1	200. glass	
6	12/14/05	12:25	SW	1	200. glass	
7	12/14/05	12:30	SW	1	200. glass	
8	12/14/05	12:35	SW	1	200. glass	
9	12/14/05	12:40	SW	1	200. glass	
10	12/14/05	12:45	SW	1	200. glass	

REMARKS: UPS Tracking # 12-103-1AX-22-1005-B052
 Preserved - 100

RECEIVED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
<u>SK</u>	12/14/05	12:00	UPS	12/19/05	12:00
RECEIVED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
	1/1/06		<u>SK - Bunker</u>	12/20/06	12:00

DATA EVALUATION CHECKLIST

Tank Sidewall Solios

Project Name/Sevenson Job Number: Cornell-Dubilier/G238
 Laboratory: Waste Stream Technology, Inc.
 Laboratory Report Number: 6L22008
 Laboratory Sample IDs: 6L22008-01
 Sample Collection Date(s): 12/21/06
 Sample Type/Matrix: Oil Tank Wall/Waste Characterization
 Analyses Performed: RCRA Characteristics, Full TCLP, PCBs
 Reviewed By: JAS Date Initiated: 01/09/07 Date Completed: 01/09/07

ATTACHMENTS:

X Sample ID Table
 _____ Laboratory/Analytical Deficiency Notification (DNF)
 _____ Sample/Analysis Irregularity Form
 _____ RPD Summary Table

REPORT CONTENTS: The following items should be included in the complete laboratory analytical data report. If any of the items are missing, contact the laboratory to obtain the missing items.

Field	Present	Missing	Not Applicable	Comments
Field sample identifiers and corresponding laboratory ID numbers (also prepare a table that matches field sample IDs, laboratory IDs, rinsate blanks, trip blanks, duplicate samples, laboratory QC samples, and QA laboratory split samples)	✓			
Case narrative	✓			
Chain-of-custody form(s)	✓			
Laboratory Sample Receipt Checklist and USACE Cooler Receipt Form	✓			
Shipping papers and custody seals	✓			
Data Qualifier Sheet that defines the data qualifiers used by the laboratory to report the analytical results	✓			
Summary of methodologies, receipt dates, analysis dates, etc.	✓			

DETAILED ASSESSMENT AND VALIDATION: Complete the assessment and validation for each laboratory data report by checking the appropriate column (yes "Y", no "N", or not applicable "NA"). If the answer to any of the questions is "no", an explanation of the non-compliance/deficiency and associated corrective action should be included in the case narrative and on a Laboratory/Analytical Deficiency Notification Form (DNF). If a DNF is available, attach to the Data Evaluation Checklist.

Chain of Custody	Sample Preservation	Required Analyses	Hold Times	Method Blanks
Was the chain-of-custody form properly completed and signed by the field personnel when relinquished and by the laboratory when received?	✓			
Was the chain-of-custody form free of errors and discrepancies?	✓			
Are the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms present and properly signed?	✓			
Do the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms indicate that the samples were received within proper temperature and in good condition?	✓			
Were samples that required preservation properly preserved?			✓	
Were all chain-of-custody-requested analyses performed?	✓			
Are analytical results reports present for all samples and for all analyses?	✓			
Do the result reports for each analytical parameter for each sample list all of the required site-specific compounds or metals as specified in the OAPP?	✓			
Were extraction (when applicable) and analysis holding times for sample met?	✓			
Does the report contain method blank results for each analytical parameter performed?	✓			
Were the method blanks free of target compounds?		✓		
Were the site samples free of compounds detected in the method blank?		✓		
If the site samples were not free of compounds detected in the method blank, did the laboratory flag the site samples with a "B" qualifier?	✓			
				TCLP Barium - 0.062mg/L
				A "U" qualifier was assigned to the TCLP barium result in sample 6L22008-01.

<p>TRIP BLANK RESULTS</p>				
If the report contains results for aqueous volatile organic samples, does the report contain trip blank results?			✓	
If the report contains results for samples collected using non-dedicated equipment, does the report contain rinsate blank results?			✓	
Were the site samples free of compounds detected in the trip and/or rinsate blank?			✓	
<p>CONTROL LIMITS</p>				
Does the report contain the results of LCS analyses with the corresponding control limits reported?	✓			
Are the recoveries from the LCS analyses within the corresponding control limits?		✓		The LCS/LCSD RPD for TCLP pyridine was greater than the QC limits.
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, if available.)	✓			The individual LCS recoveries were within the QC limits. The sample results were assigned "J" qualifiers during data review.
<p>FIELD DUPLICATE RESULTS</p>				
Does the report contain a field replicate sample?			✓	
Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table.			✓	
Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF.			✓	
<p>SURROGATE COMPOUND RESULTS</p>				
For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported?	✓			
Are the surrogate compound recoveries within the control limits?		✓		<p>PCBs: The surrogate compounds tetrachloro-meta-xylene and decachlorobiphenyl were diluted out of sample 6L22008-01.</p> <p>Pesticides: The recovery of decachlorobiphenyl was less than the QC limit in sample 6L22008-01.</p>
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, if available.)	✓			<p>PCBs: The sample was analyzed at a 50-times dilution due to the high concentration of target compounds. No qualifiers were assigned to the sample results during data review.</p> <p>Pesticides: According to the laboratory, matrix interference was the most likely cause of the low recovery. "J" qualifiers were assigned to the sample results for the compounds associated with the surrogate compound (i.e., endrin, methoxychlor, and toxaphene).</p>
<p>MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND RESULTS</p>				
Does the report contain, for each applicable analytical parameter, the results of matrix spike sample analyses including the recoveries and corresponding control limits?	✓			
Does the report contain, for each applicable analytical parameter, the results of matrix spike duplicate and/or laboratory duplicate pairs, including the relative percent differences and corresponding control limits?	✓			
Are the recoveries from the matrix spike, matrix spike duplicate, and/or laboratory duplicate pairs, including the relative percent differences, within the control limits?	✓			
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, if available.)			✓	
<p>QUANTITATION LIMITS</p>				
Do the analytical results reports list the sample quantitation limits for each compound?	✓			
Are the project-required quantitation limits included in the QAPP met?	✓			
If the quantitation limits are out of range, does the case narrative document the cause(s) as to why the limits are above criteria?			✓	
For the organic analysis parameters, are the results that are greater than the MDL but below the MQL properly flagged by the laboratory with the "J" qualifier?			✓	
For the organic parameter results that have compounds that are flagged with the "D" qualifiers, does the result report state the dilution factor that was used to obtain the result and the date on which the dilution was analyzed?			✓	

Data Assessment/Validation by:

Jennifer Singer
Name

Jennifer A Singer
Signature

1/9/07
Date

CQC Systems Review by:

Kenneth Paisley
Name

K- Paisley
Signature

1/10/07
Date

Project Name/Job Number: Cornell-Dubilier/G238

Sample Type: Tank Wall/Waste Characterization

Sample Collection Date: 12/21/06

Laboratory: Waste Stream Technology, Inc.

Laboratory Report ID/Group Number: 6L22008

SAMPLE LOCATION (FIELD ID)	LABORATORY SAMPLE ID	ASSOCIATED FIELD DUPLICATE (FIELD AND LABORATORY ID)	LABORATORY QC PERFORMED WITH SAMPLE (if any)
G238-OilTank-Wall-1-4-122106	6L22008-01		TCLP VOC MS
	6L20009-04*		TCLP Mercury MS/MSD
	6L26005-01*		TCLP Metals MS/MSD

* Indicates sample analyzed in the same batch as samples from group number 6L22008

WASTE STREAM TECHNOLOGY, INC.

302 Gote Steet
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date: 01/09/07
Work Order Number: 6L22008

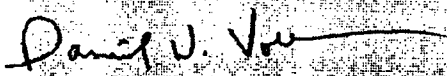
Prepared For
Sam Tavelaris

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY 14305
Fax: (716) 285-4201

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/22/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Daniel W. Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS

NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Wall-1-4-122106	6L22008-01	Soil	12/21/06 09:30	12/22/06 15:00

Case Narrative

This narrative pertains to one sample from the Cornell-Dubilier Electronics G-238 site, collected on December 21, 2006 and received December 22, 2006. The sample corresponds to the Waste Stream Technology Inc. work order number 6L22008 and sample ID number 6L22008-01.

1. Sample Receipt and Preservation: The sample arrived at the laboratory carefully packed in one cooler and the custody seals were on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 2.3°C). All of the samples in the cooler arrived intact and the labels on the containers were found to be complete. The information on the sample labels and the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

2. Sample Holding Times: All required holding times were met for all of the extractions and analyses performed on the sample in work order number 6L22008.

3. Method Blank Analysis: The method blanks analyzed for each of the analytical parameters performed on the samples in work order number 6L22008 did not contain any target analytes, with the following exception:

3.1 Barium was detected in the metals method blank at a level of 0.062 mg/L, above the reporting level of 0.025 mg/L. Barium was also detected in sample 6L22008-01 and was flagged with the B qualifier.

4. Laboratory Control Sample (LCS) Analysis: Recoveries of the target analytes from the laboratory control samples associated with the analyses of the sample from work order number 6L22008 were found to be within the control limits.

5. Matrix Spike and Matrix Spike Duplicate Analysis: Matrix spike and matrix spike duplicates were performed for TCLP metals on sample number 6L26005-01 (a sample not from work order number 6L22008, but prepared and analyzed in the same analytical batch). All recoveries and RPDs for this analysis were within QC limits.

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 6L20009-04 (a Cornell-Dubilier Electronics sample not from work order number 6L22008, but prepared and analyzed in the same analytical batch). All recoveries and RPDs for these analyses were within QC limits.

Matrix spike analysis was performed for TCLP volatile analysis on sample number 6L22008-01. All recoveries for this analysis were within QC limits.

Laboratory control sample duplicates were analyzed for PCB, TCLP pesticide, TCLP herbicide, and semivolatile organic compound analyses. The recoveries and RPDs for these analyses were within QC limits, with the following exception:

5.1: The RPD of pyridine from the TCLP semivolatile LCS Dup AL62718-BSD1 was above QC limits and was flagged with the B qualifier.

Waste Stream Technology Inc.

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Sevenson/G-Jobs

2749 Lockport Road

Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported:

01/09/07 15:05

6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilier Electronics site samples from work order number 6L20009 and the associated quality control sample analyses were found to be within laboratory quality limits, with the following exceptions:

6.1 The recoveries of the surrogate compounds Tetrachloro-meta-xylene and Decachlorobiphenyl in sample 6L22008-01 for PCB analysis were not available due to sample dilution required from high analyte concentration and were flagged with the S - 01 and U qualifiers.

6.2 The recovery of the surrogate compound Decachlorobiphenyl in sample 6L22008-01 for TCLP Pesticide analysis was lower than Q limits due to a sample matrix effect and was flagged with the S-04 qualifier.

7. Trip Blank Analyses: Trip blank analysis was not performed for this work order.

8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical report is true, accurate and complete, and conforms to the current Sampling and Analysis Plan for the Higgins Farm Superfund Site. The Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-011 Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Mercury	ND	0.001	mg/L	1	AL62707	12/27/06	12/27/06	EPA 7470A-TCLP	U
Silver	ND	0.025	"	5	AL62711	12/27/06	12/27/06	6010B	U
Arsenic	ND	0.045	"	"	"	"	"	"	U
Barium	0.068	0.025	"	"	"	"	"	"	B U
Cadmium	ND	0.025	"	"	"	"	"	"	U
Chromium	ND	0.025	"	"	"	"	"	"	U
Lead	ND	0.075	"	"	"	"	"	"	U
Selenium	ND	0.095	"	"	"	"	"	"	U

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Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil									
Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Aroclor 1016	ND	165	ug/kg dry	50	AL62716	12/27/06	12/27/06	8082	U
Aroclor 1221	ND	165	"	"	"	"	"	"	U
Aroclor 1232	ND	165	"	"	"	"	"	"	U
Aroclor 1242	4800	165	"	"	"	"	"	"	
Aroclor 1248	ND	165	"	"	"	"	"	"	U
Aroclor 1254	11500	165	"	"	"	"	"	"	
Aroclor 1260	1240	165	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		%	61-140	"	"	"	"	"	S-01, U
Surrogate: Decachlorobiphenyl		%	56-136	"	"	"	"	"	S-01, U

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
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TCLP Volatile Organic Compounds by EPA Method 1311/8260B
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
vinyl chloride	ND	10	ng/l	1	AL62704	12/27/06	12/27/06	8260-TCLP	U
1,1-dichloroethene	ND	10	"	"	"	"	"	"	U
2-butanone	ND	100	"	"	"	"	"	"	U
chloroform	ND	10	"	"	"	"	"	"	U
carbon tetrachloride	ND	10	"	"	"	"	"	"	U
benzene	ND	10	"	"	"	"	"	"	U
1,2-dichloroethane	ND	10	"	"	"	"	"	"	U
trichloroethene	16	10	"	"	"	"	"	"	U
tetrachloroethene	ND	10	"	"	"	"	"	"	U
chlorobenzene	ND	10	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	10	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		98.7 %	75-125	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	66-128	"	"	"	"	"	
Surrogate: Toluene-d8		96.7 %	81-118	"	"	"	"	"	
Surrogate: Bromofluorobenzene		90.3 %	85-123	"	"	"	"	"	

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
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TCLP Pesticides by EPA Method 1311/8081A
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-01 Tank-Wall-1-4-122106 (6L22608-01) Soil									
Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Gamma-BHC (Lindane)	ND	0.040	ug/l	1	AL62717	12/27/06	12/28/06	EPA 8081A	U
Heptachlor	ND	0.040	"	"	"	"	"	"	U
Heptachlor Epoxide	ND	0.040	"	"	"	"	"	"	U
Endrin	ND	0.040	"	"	"	"	"	"	U
Methoxychlor	ND	0.040	"	"	"	"	"	"	U
Chlordane	ND	0.800	"	"	"	"	"	"	U
Toxaphene	ND	0.040	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		74.5 %	55-135	"	"	"	"	"	J
Surrogate: Decachlorobiphenyl		40.5 %	58-130	"	"	"	"	"	J

S-04

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

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TCLP Herbicides by EPA Method 1311/8151A
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil									
Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
2,4-D	ND	20.0	ug/l	50	AL62804	12/28/06	12/28/06	8151	U
2,4,5-TP (Silvex)	ND	20.0	"	"	"	"	"	"	U
Surrogate: 2,4-DCPAA		87.8 %	24-146		"	"	"	"	

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

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TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-0H Tank-Wall-1-4-122106 (6L22008-01) Soil									
Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
pyridine	ND	8	ug/l	1	AL62718	12/27/06	12/27/06	8270C-TCLP	U J
1,4-dichlorobenzene	ND	8	"	"	"	"	"	"	U
Total cresols (o,m & p)	ND	24	"	"	"	"	"	"	U
hexachloroethane	ND	8	"	"	"	"	"	"	U
nitrobenzene	ND	8	"	"	"	"	"	"	U
hexachlorobutadiene	ND	8	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	16	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	8	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	8	"	"	"	"	"	"	U
hexachlorobenzene	ND	8	"	"	"	"	"	"	U
pentachlorophenol	ND	16	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		41.4 %	14-53	"	"	"	"	"	
Surrogate: Phenol-d6		27.2 %	10-35	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		83.8 %	38-96	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl		76.8 %	41-95	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		99.0 %	44-124	"	"	"	"	"	
Surrogate: Terphenyl-d14		119 %	42-127	"	"	"	"	"	

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

Conventional Chemistry Parameters by EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L22008-01) Soil									
Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
pH	5.04	0.10	pH Units	1	AL62722	12/27/06	12/27/06	EPA 9045C	
% Solids	96.8	0.1	%	-	AL62801	12/27/06	12/28/06	% calculation	

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

Physical Parameters by APHA/ASTM/EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Off Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Ignitability by Flashpoint	>200		deg F	1	AL62720	12/27/06	12/27/06	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	"	AL61930	12/22/06	12/22/06	Section 7.3.3.2	U
Reactive Sulfide	ND	40.0	"	"	AL61929	"	12/22/06	Section 7.3.4.2	U

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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
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TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62707 - EPA 7470A Leachate										
Blank (AL62707-BLK1)				Prepared & Analyzed: 12/27/06						
Mercury	ND	0.001	mg/L							U
LCS (AL62707-BS1)				Prepared & Analyzed: 12/27/06						
Mercury	0.00341	0.001	mg/L	0.00333		102	80-120			
LCS (AL62707-BS2)				Prepared & Analyzed: 12/27/06						
Mercury	0.00351	0.001	mg/L	0.00333		105	80-120			
Matrix Spike (AL62707-MS1)				Source: 6L20009-04 Prepared & Analyzed: 12/27/06						
Mercury	0.00342	0.001	mg/L	0.00333	ND	103	75-125			
Matrix Spike Dup (AL62707-MSD1)				Source: 6L20009-04 Prepared & Analyzed: 12/27/06						
Mercury	0.00356	0.001	mg/L	0.00333	ND	107	75-125	4.01	25	
Batch AL62711 - EPA 3015 Leachate										
Blank (AL62711-BLK1)				Prepared & Analyzed: 12/27/06						
Silver	ND	0.025	mg/L							U
Arsenic	ND	0.045	"							U
Barium	0.062	0.025	"							U
Cadmium	ND	0.025	"							U
Chromium	ND	0.025	"							U
Lead	ND	0.075	"							U
Selenium	ND	0.095	"							U
LCS (AL62711-BS1)				Prepared & Analyzed: 12/27/06						
Silver	1.14	0.025	mg/L	1.11		103	80-120			
Arsenic	1.18	0.045	"	1.11		106	80-120			
Barium	1.20	0.025	"	1.11		108	80-120			
Cadmium	1.17	0.025	"	1.11		105	80-120			
Chromium	1.07	0.025	"	1.11		96.4	80-120			
Lead	1.11	0.075	"	1.11		100	80-120			
Selenium	1.19	0.095	"	1.11		107	80-120			

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2749 Lockport Road
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Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62711 - EPA 3015 Leachate										
LCS (AL62711-BS2)										
					Prepared & Analyzed: 12/27/06					
Silver	1.09	0.025	mg/L	1.11		98.2	80-120			
Arsenic	1.12	0.045	"	1.11		101	80-120			
Barium	1.12	0.025	"	1.11		101	80-120			
Cadmium	1.10	0.025	"	1.11		99.1	80-120			
Chromium	1.01	0.025	"	1.11		91.0	80-120			
Lead	1.06	0.075	"	1.11		95.5	80-120			
Selenium	1.11	0.095	"	1.11		100	80-120			
Matrix Spike (AL62711-MS1)										
			Source: 6L26005-01		Prepared & Analyzed: 12/27/06					
Silver	1.16	0.025	mg/L	1.11	ND	105	75-125			
Arsenic	1.19	0.045	"	1.11	0.010	106	75-125			
Barium	1.96	0.025	"	1.11	0.825	102	75-125			
Cadmium	1.15	0.025	"	1.11	0.009	103	75-125			
Chromium	1.07	0.025	"	1.11	ND	96.4	75-125			
Lead	1.11	0.075	"	1.11	ND	100	75-125			
Selenium	1.20	0.095	"	1.11	ND	108	75-125			
Matrix Spike Dup (AL62711-MSD1)										
			Source: 6L26005-01		Prepared & Analyzed: 12/27/06					
Silver	1.14	0.025	mg/L	1.11	ND	103	75-125	1.74	25	
Arsenic	1.18	0.045	"	1.11	0.010	105	75-125	0.844	25	
Barium	1.93	0.025	"	1.11	0.825	99.5	75-125	1.54	25	
Cadmium	1.14	0.025	"	1.11	0.009	102	75-125	0.873	25	
Chromium	1.05	0.025	"	1.11	ND	94.6	75-125	1.89	25	
Lead	1.10	0.075	"	1.11	ND	99.1	75-125	0.905	25	
Selenium	1.21	0.095	"	1.11	ND	109	75-125	0.830	25	

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch AL62716 - EPA 3550B									
Blank (AL62716-BLK1)									
Prepared & Analyzed: 12/27/06									
Aroclor 1016	ND	3.30	ug/kg wet						U
Aroclor 1221	ND	3.30	"						U
Aroclor 1232	ND	3.30	"						U
Aroclor 1242	ND	3.30	"						U
Aroclor 1248	ND	3.30	"						U
Aroclor 1254	ND	3.30	"						U
Aroclor 1260	ND	3.30	"						U
Surrogate: Tetrachloro-meta-xylene	19.1		"	16.7		114	61-140		
Surrogate: Decachlorobiphenyl	14.6		"	16.7		87.4	56-136		
LCS (AL62716-BS1)									
Prepared & Analyzed: 12/27/06									
Aroclor 1016	37.9	3.30	ug/kg wet	33.3		114	75-148		
Aroclor 1260	35.1	3.30	"	33.3		105	62-142		
Surrogate: Tetrachloro-meta-xylene	19.8		"	16.7		119	61-140		
Surrogate: Decachlorobiphenyl	15.8		"	16.7		94.6	56-136		
LCS Dup (AL62716-BS1)									
Prepared & Analyzed: 12/27/06									
Aroclor 1016	36.9	3.30	ug/kg wet	33.3		111	75-148	2.67	200
Aroclor 1260	34.9	3.30	"	33.3		105	62-142	0.571	200
Surrogate: Tetrachloro-meta-xylene	18.6		"	16.7		111	61-140		
Surrogate: Decachlorobiphenyl	16.1		"	16.7		96.4	56-136		

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62704 - EPA 1311/ZHE

Blank (AL62704-BLK1)

Prepared & Analyzed: 12/27/06

vinyl chloride	ND	10	ug/l							U
1,1-dichloroethene	ND	10	"							U
2-butanone	ND	100	"							U
chloroform	ND	10	"							U
carbon tetrachloride	ND	10	"							U
benzene	ND	10	"							U
1,2-dichloroethane	ND	10	"							U
trichloroethene	ND	10	"							U
tetrachloroethene	ND	10	"							U
chlorobenzene	ND	10	"							U
1,4-dichlorobenzene	ND	10	"							U
Surrogate: Dibromofluoromethane	28.6		ng/ml	30.0		95.3	75-125			
Surrogate: 1,2-Dichloroethane-d4	29.6		"	30.0		98.7	66-128			
Surrogate: Toluene-d8	28.1		"	30.0		93.7	81-118			
Surrogate: Bromofluorobenzene	28.2		"	30.0		94.0	85-123			

LCS (AL62704-BS1)

Prepared & Analyzed: 12/27/06

vinyl chloride	147	10	ug/l	200		73.5	57-127			
1,1-dichloroethene	175	10	"	200		87.5	70-123			
2-butanone	246	100	"	200		123	66-156			
chloroform	187	10	"	200		93.5	71-130			
carbon tetrachloride	185	10	"	200		92.5	70-125			
benzene	184	10	"	200		92.0	78-119			
1,2-dichloroethane	194	10	"	200		97.0	75-125			
trichloroethene	184	10	"	200		92.0	78-118			
tetrachloroethene	192	10	"	200		96.0	71-119			
chlorobenzene	186	10	"	200		93.0	81-115			
1,4-dichlorobenzene	191	10	"	200		95.5	75-120			
Surrogate: Dibromofluoromethane	29.4		ng/ml	30.0		98.0	75-125			
Surrogate: 1,2-Dichloroethane-d4	28.3		"	30.0		94.3	66-128			
Surrogate: Toluene-d8	28.4		"	30.0		94.7	81-118			
Surrogate: Bromofluorobenzene	27.5		"	30.0		91.7	85-123			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62704 - EPA 1311/ZHE										
Matrix Spike (AL62704-MS1)										
Source: 6L22008-01 Prepared & Analyzed: 12/27/06										
vinyl chloride	153	10	ug/l	200	0	76.5	54-125			
1,1-dichloroethene	172	10	"	200	0	86.0	70-123			
2-butanone	226	100	"	200	0	113	59-177			
chloroform	193	10	"	200	0	96.5	71-124			
carbon tetrachloride	181	10	"	200	0	90.5	67-114			
benzene	186	10	"	200	0	93.0	81-114			
1,2-dichloroethane	192	10	"	200	0	96.0	74-123			
trichloroethene	201	10	"	200	16	92.5	73-119			
tetrachloroethene	192	10	"	200	0	96.0	72-116			
chlorobenzene	192	10	"	200	0	96.0	81-113			
1,4-dichlorobenzene	184	10	"	200	0	92.0	77-115			
Surrogate: Dibromofluoromethane	29.0		ng/ml	30.0		96.7	75-125			
Surrogate: 1,2-Dichloroethane-d4	29.5		"	30.0		98.3	66-128			
Surrogate: Toluene-d8	29.1		"	30.0		97.0	81-118			
Surrogate: Bromofluorobenzene	27.2		"	30.0		90.7	85-123			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Pesticides by EPA Method 1311/8081A - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62717 - EPA 3510C Leachate										
Blank (AL62717-BLK1)										
					Prepared: 12/27/06	Analyzed: 12/28/06				
Gamma-BHC (Lindane)	ND	0.040	ug/l							U
Heptachlor	ND	0.040	"							U
Heptachlor Epoxide	ND	0.040	"							U
Endrin	ND	0.040	"							U
Methoxychlor	ND	0.040	"							U
Chlordane	ND	0.800	"							U
Toxaphene	ND	0.040	"							U
Surrogate: Tetrachloro-meta-xylene	1.87		"	2.00		93.5	55-135			
Surrogate: Decachlorobiphenyl	1.28		"	2.00		64.0	58-130			
LCS (AL62717-BS1)										
					Prepared: 12/27/06	Analyzed: 12/28/06				
Gamma-BHC (Lindane)	1.12	0.040	ug/l	1.20		93.3	72-128			
Heptachlor	1.17	0.040	"	1.20		97.5	78-130			
Heptachlor Epoxide	1.15	0.040	"	1.20		95.8	68-128			
Endrin	1.23	0.040	"	1.20		102	73-143			
Methoxychlor	1.60	0.040	"	1.20		133	73-136			
Surrogate: Tetrachloro-meta-xylene	1.95		"	2.00		97.5	55-135			
Surrogate: Decachlorobiphenyl	1.33		"	2.00		66.5	58-130			
LCS Dup (AL62717-BS1)										
					Prepared: 12/27/06	Analyzed: 12/28/06				
Gamma-BHC (Lindane)	1.09	0.040	ug/l	1.20		90.8	72-128	2.71	25	
Heptachlor	1.16	0.040	"	1.20		96.7	78-130	0.858	25	
Heptachlor Epoxide	1.13	0.040	"	1.20		94.2	68-128	1.75	25	
Endrin	1.22	0.040	"	1.20		102	73-143	0.816	25	
Methoxychlor	1.61	0.040	"	1.20		134	73-136	0.623	25	
Surrogate: Tetrachloro-meta-xylene	1.83		"	2.00		91.5	55-135			
Surrogate: Decachlorobiphenyl	1.45		"	2.00		72.5	58-130			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Herbicides by EPA Method 1311/8151A - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62804 - EPA 3510C Leachate										
Blank (AL62804-BLK1)										
Prepared & Analyzed: 12/28/06										
2,4-D	ND	20.0	ug/l							U
2,4,5-TP (Silvex)	ND	20.0	"							U
Surrogate: 2,4-DCPAA	370		"	400		92.5	24-146			
LCS (AL62804-BS1)										
Prepared & Analyzed: 12/28/06										
2,4-D	408	20.0	ug/l	400		102	57-151			
2,4,5-TP (Silvex)	408	20.0	"	400		102	70-144			
Surrogate: 2,4-DCPAA	395		"	400		98.8	24-146			
LCS Dup (AL62804-BSD1)										
Prepared & Analyzed: 12/28/06										
2,4-D	378	20.0	ug/l	400		94.5	57-151	7.63	30	
2,4,5-TP (Silvex)	378	20.0	"	400		94.5	70-144	7.63	30	
Surrogate: 2,4-DCPAA	347		"	400		86.8	24-146			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62718 - EPA 3510C Leachate

Blank (AL62718-BLK1)

Prepared & Analyzed: 12/27/06

pyridine	ND	8	ug/l							U
1,4-dichlorobenzene	ND	8	"							U
Total cresols (o,m & p)	ND	24	"							U
hexachloroethane	ND	8	"							U
nitrobenzene	ND	8	"							U
hexachlorobutadiene	ND	8	"							U
2,4,6-trichlorophenol	ND	16	"							U
2,4,5-trichlorophenol	ND	8	"							U
2,4-dinitrotoluene	ND	8	"							U
hexachlorobenzene	ND	8	"							U
pentachlorophenol	ND	16	"							U
Surrogate: 2-Fluorophenol	363	"		800		45.4	14-53			
Surrogate: Phenol-d6	225	"		800		28.1	10-35			
Surrogate: Nitrobenzene-d5	347	"		400		86.8	38-96			
Surrogate: 2-Fluorobiphenyl	339	"		400		84.8	41-95			
Surrogate: 2,4,6-Tribromophenol	810	"		800		101	44-124			
Surrogate: Terphenyl-d14	427	"		400		107	42-127			

LCS (AL62718-BS1)

Prepared & Analyzed: 12/27/06

pyridine	49.0	8	ug/l	200		24.5	7-52			
1,4-dichlorobenzene	109	8	"	200		54.5	46-95			
Total cresols (o,m & p)	212	24	"	400		53.0	37-76			
hexachloroethane	104	8	"	200		52.0	44-101			
nitrobenzene	147	8	"	200		73.5	61-93			
hexachlorobutadiene	122	8	"	200		61.0	51-114			
2,4,6-trichlorophenol	164	16	"	200		82.0	62-101			
2,4,5-trichlorophenol	172	8	"	200		86.0	59-105			
2,4-dinitrotoluene	177	8	"	200		88.5	72-113			
hexachlorobenzene	175	8	"	200		87.5	67-127			
pentachlorophenol	181	16	"	200		90.5	59-132			
Surrogate: 2-Fluorophenol	322	"		800		40.2	14-53			
Surrogate: Phenol-d6	214	"		800		26.8	10-35			
Surrogate: Nitrobenzene-d5	324	"		400		81.0	38-96			
Surrogate: 2-Fluorobiphenyl	323	"		400		80.8	41-95			
Surrogate: 2,4,6-Tribromophenol	806	"		800		101	44-124			
Surrogate: Terphenyl-d14	454	"		400		114	42-127			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62718 - EPA 3510C Leachate

LCS Dup (AL62718-BSD1)

Prepared & Analyzed: 12/27/06

pyridine	87.0	8	ug/l	200		43.5	7-52	55.9	30	#
1,4-dichlorobenzene	130	8	"	200		65.0	46-95	17.6	30	
Total cresols (o,m & p)	230	24	"	400		57.5	37-76	8.14	30	
hexachloroethane	124	8	"	200		62.0	44-101	17.5	30	
nitrobenzene	167	8	"	200		83.5	61-93	12.7	30	
hexachlorobutadiene	143	8	"	200		71.5	51-114	15.8	30	
2,4,6-trichlorophenol	176	16	"	200		88.0	62-101	7.06	30	
2,4,5-trichlorophenol	185	8	"	200		92.5	59-105	7.28	30	
2,4-dinitrotoluene	187	8	"	200		93.5	72-113	5.49	30	
hexachlorobenzene	183	8	"	200		91.5	67-127	4.47	30	
pentachlorophenol	198	16	"	200		99.0	59-132	8.97	30	
Surrogate: 2-Fluorophenol	367		"	800		45.9	14-53			
Surrogate: Phenol-d6	231		"	800		28.9	10-35			
Surrogate: Nitrobenzene-d5	375		"	400		93.8	38-96			
Surrogate: 2-Fluorobiphenyl	354		"	400		88.5	41-95			
Surrogate: 2,4,6-Tribromophenol	864		"	800		108	44-124			
Surrogate: Terphenyl-d14	465		"	400		116	42-127			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL61929 - General Preparation										
Blank (AL61929-BLK1)					Prepared: 12/15/06	Analyzed: 12/19/06				
Reactive Sulfide	ND	40.0	mg/kg							U
LCS (AL61929-BS1)					Prepared: 12/15/06	Analyzed: 12/19/06				
Reactive Sulfide	409	40.0	mg/kg	505		81.0	66-109			
Batch AL61930 - General Preparation										
Blank (AL61930-BLK1)					Prepared: 12/15/06	Analyzed: 12/19/06				
Reactive Cyanide	ND	40.0	mg/kg							U
LCS (AL61930-BS1)					Prepared: 12/15/06	Analyzed: 12/19/06				
Reactive Cyanide	79.1	40.0	mg/kg	849		9.32	7-12			
Batch AL62720 - General Preparation										
LCS (AL62720-BS1)					Prepared & Analyzed: 12/27/06					
Ignitability by Flashpoint	82		deg F	81.0		101	80-120			

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

Notes and Definitions

U Analyte included in the analysis, but not detected

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Denotes RPD is outside QC limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

6L22008

Waste Stream Technology Inc.

Client: Severson/G-Jobs
Project: Cornell-Dubiller ElectronicsProject Manager: Dan Vollmer
Project Number: Cornell-Dubiller Electronics G-238Report To:
Severson/G-Jobs
Sam Tavelaris
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (716) 609-1775
Fax: (716) 285-4201Invoice To:
Severson/G-Jobs
Al LaGreca
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (716) 284-0431
Fax: (716) 284-1796Date Due: 12/28/06 17:00 (3 day TAT)
Received By: Kevin Burke
Logged In By: Kevin Burke
Shipped By: UPSDate Received: 12/22/06 15:00
Date Logged In: 12/22/06 15:08
Tracking No.: 1Z1031AX2210058016
Samples Received at: 23°C

Temp > 6.0	No	Sample container received broken	No	Also fax report to Ken Pabley, SES NF
Preserved sample volume pH out of ran	No	Sample label incomplete/did not match COC	No	
Number of containers did not match CX	No	Gelger counter detected radioactivity	No	
Cyanide interference check positive	No	No attempt made to thermally preserve sample	No	
Bubbles present in VOA container	No	COC not signed/filled out properly/sealed & 1	No	
Customary seals not present/intact/signed	No			

Analysis	Due	TAT	Expires	Comments
6L22008-01 G238-Oil Tank-Wall-1-4-122106 [Soil] Sampled 12/21/06 09:30				
Eastern				
TCLP ZHE Extraction	12/28/06 15:00	3	01/04/07 09:30	
CLP Extraction 1311	12/28/06 15:00	3	01/04/07 09:30	
Solids, Dry Weight	12/28/06 15:00	3	06/19/07 09:30	
PCBs by 8082	12/28/06 15:00	3	01/04/07 09:30	
Full TCLP + RCRA Char	12/28/06 15:00	3	12/31/06 09:30	

pH Check:

Analysis groups included in this work order

Full TCLP + RCRA Char

Reactive Sulfide	Reactive Cyanide	pH soil 9045	Metals RCRA TCLP ICP
Ignitability-1010	Hg TCLP CVAA	8270 TCLP	8260 TCLP
8151 TCLP Herbicides	8081 TCLP Pesticides		

Requested analyses of work order have been reviewed and approved By

Date

Review 1 By

Date

Review 2 By

Jan. 9. 2001 3:30PM

Army Corp. of Engineers Sample Receipt

LIMS #

No. of Coolers

Contract Cooler

Date Received:

RD Cooler #

SUBJECT:

GES Cornell - Dubilier

BL/WH

12/22/06

USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERNING CHECK-IN PROBLEMS.

A. PRELIMINARY EXAMINATION PHASE: Date cooler was opened:

by (sign):

12/22/06

(print):

Kevin Burke

1. Did cooler come with shipping slip (airbill ext):

If yes enter carrier name & airbill number here:

VPS 12-1031 AX 22-1005 8016

YES

NO

2. Were custody seals on outside of cooler?

YES

NO

How many, where, date, time:

2 - Front & Side

YES

NO

3. Were custody seals unbroken and intact at the date and time of arrival?

YES

NO

4. Did you screen samples for radioactivity using a Geiger counter?

YES

NO

5. Were custody papers sealed in a plastic bag & taped inside to the lid?

YES

NO

6. Were custody papers filled out properly (ink, signed, ext)?

YES

NO

7. Did you sign the custody papers in the appropriate places?

YES

NO

8. Was project identifiable from the custody forms?

YES

NO

If YES, enter project name at the top of this form.

9. If required, was enough ice used? Type:

Bagged Ice

YES

NO

10. Have designated person initial here to acknowledge receipt of cooler:

KB

(date)

12/22/06

Kevin Burke

B. LOG-IN PHASE: Date samples were logged in:

by (sign):

12/22/06

(print):

Kevin Burke

11. Describe type of packing in cooler:

Bubble Wrap

YES

NO

12. Were all bottles sealed in separate plastic bags?

YES

NO

13. Did all bottles arrive unbroken and were labels in good condition?

YES

NO

14. Were all labels complete (ID, date, time, signature, preservation)?

YES

NO

15. Did all bottle labels agree with custody papers?

YES

NO

16. Were correct containers used for the tests indicated?

YES

NO

17. Were correct preservatives added to samples?

YES

NO

18. Was a sufficient amount of sample sent for tests indicated?

YES

NO

19. Were bubbles absent in VOA samples? If NO, list by sample #:

N/A
N/A

YES

NO

20. Was the project manager called and status discussed?

If YES, give details on the back of this form.

21. Who was called?

By whom?

Date:

WASTESTREAM

UPS
UPS Next Day AirTM
UPS Worldwide ExpressSM
Shipping Document

WEIGHT	WEIGHT	DIMENSIONAL WEIGHT	LARGE AIR PACKAGE	SHIPPER RELEASE
			<input type="checkbox"/>	<input type="checkbox"/>

☐ EXPRESS (INTL)
☐ DOCUMENTS ONLY

The shipper certifies that the contents of this document are true and correct. The shipper also certifies that the contents of this document are not being used for any other purpose. The shipper is responsible for the accuracy of the information provided. The shipper is also responsible for the accuracy of the information provided. The shipper is also responsible for the accuracy of the information provided.

SHIPMENT FROM
 UPS ACCOUNT NO. **1031AX**

REFERENCE NUMBER
238- Cornell Dubiler
Am. Travelers
 TELEPHONE
908-243-0318

FEDERAL CREOSOTE SUPERFUND SIT
20 RUSTIC MALL

MANVILLE **NJ 08835-1428**

DELIVERY TO
 Telephone
Sample Custodian 716-876-5290

Waste Stream Technology Inc.
360 Grove St.
Buffalo, NY 14207

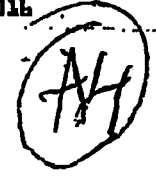
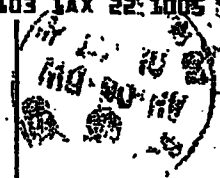
0101011202808 105 8
 United Parcel Service, Louisville, KY

SATURDAY DELIVERY

1Z 103 1AX 22 1005 8016



1Z 103 1AX 22 1005 8016



UPS Next Day AirTM

1Z 103 1AX 22 1005 8016



1Z 103 1AX 22 1005 8016

SHIPMENT ID NUMBER **1031 AX7B BWE**

DATE OF SHIPMENT

12/21/06

CUSTODY SEAL
 DATE **12/21/06**
 SIGNATURE **[Signature]**
QEC
 Quality Environmental Containers
 800-255-3950 • 304-255-3900

CUSTODY SEAL
 DATE **12/21/06**
 SIGNATURE **[Signature]**
QEC
 Quality Environmental Containers
 800-255-3950 • 304-255-3900

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☒ YES ☐ NO

Profile Number: VG 4062 (Model City)

☐ Hazardous ☐ Non-Hazardous ☒ TSCA

Renewal Date: _____

A. Waste Generator Information

- | | |
|---|---|
| 1. Generator Name: <u>Cornell-Dubilier Superfund Site/US EPA Region</u> | 2. SIC Code: |
| 3. Facility Street Address: <u>333 Hamilton Boulevard</u> | 4. Phone: |
| 5. Facility City: <u>South Plainfield</u> | 6. State/Province: <u>NJ</u> |
| 7. Zip/Postal Code: <u>08882</u> | 8. Generator USEPA/FED ID #: <u>NJD 981 557 879</u> |
| 9. County: | 10. State/Province ID#: |
| 11. Customer Name: <u>Sevenson Environmental Services, Inc</u> | 12. Customer Phone: <u>(716) 284-0431</u> |
| 13. Customer Contact: <u>Jeff Shirley</u> | 14. Customer Fax: <u>(716) 285-4201</u> |
| 15. Billing Address: <u>2749 Lockport Road, Niagara Falls, NY 14302</u> | |

B. Waste Stream Information

1. DESCRIPTION

- a. Name of Waste: Tank Steel (Cluster 12 AST), solids and crushed empty drums
- b. Processing Generating Waste: Tank steel from an above-ground storage tank (empty) removed during remedial action at the Site. Steel will be sized for shipment. Drums of bottom solids from the tank will be bulk consolidated and empty drums (22) will be crushed before loading. Analysis of the residual floor contents and sidewall solids of tank attached.

- | | | | | |
|--------------------------------|---|---|--|---|
| c. Color
<u>Brown/black</u> | d. Strong odor (describe)
<u>oil</u> | e. Physical state @ 70°F
<input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid
<input type="checkbox"/> Gas <input type="checkbox"/> Sludge
<input type="checkbox"/> Other _____ | f. Layers
<input checked="" type="checkbox"/> Single Layer <input type="checkbox"/> Multi-Layer | g. Free liquid range
_____ to _____ %
h. pH: Range
<u>5 to 9</u> |
|--------------------------------|---|---|--|---|

- i. Liquid Flash Point: ☐ <73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥200°F ☒ Not Applicable
- j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHC's] present in any concentration and submit representative analysis)

Constituents	Concentration Range	Constituents	Concentration Range
Tank Steel	95-100%		
Debris (paper, plastic, etc.)	0-1%		
Tank solids	1-2%		
Crushed, empty drums	1-5		
PCB	up to 133.9 ppm (see attached)		

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

- k. ☐ Oxidizer ☐ Pyrophoric ☐ Explosive ☐ Radioactive
☐ Carcinogen ☐ Infectious ☐ Shock Sensitive ☐ Water Reactive
- l. Does the waste represented by this profile contain any of the carcinogens which require OSHA Notification? (list in Section B.1.) ☒ YES ☐ NO
- m. Does the waste represented by this profile contain dioxins? (list in B.1.j) ☐ YES ☒ NO
- n. Does the waste represented by this profile contain asbestos? ☐ YES ☒ NO
 If yes, ☐ friable ☐ non-friable
- o. Does the waste represented by this profile contain benzene? ☐ YES ☒ NO
 If yes, concentration _____ ppm
 Is the waste subject to benzene waste operations NESHAP? ☐ YES ☒ NO
- p. Is the waste subject to RCRA Subpart CC controls? ☐ YES ☒ NO
 If no, does the waste meet the organic LDR Exemption? ☐ YES ☒ NO
 If no does the waste contain <500 ppmw volatile organic (VO)? ☒ YES ☐ NO
 Volatile organic concentration _____ ppmw
- q. Does the waste contain any Class I or Class II ozone-depleting substance? ☐ YES ☒ NO
- r. Does the waste contain debris? (list in Section B.1.j) ☒ YES ☐ NO
- s. Is the waste subject to controls as a Group 1 wastewater or residual under the HON? ☐ YES ☒ NO
 If yes, is it a Table 8 ☐ or Table 9 ☐ compound?

2. Quantity of Waste

Estimated Annual Volume 40 ☒ tons ☐ Yards ☐ Drums ☐ Other (specify) _____

3. Shipping Information

Packaging

☒ Bulk Solid: Type/Size _____
☐ Drum: Type/Size _____

☐ Bulk Liquid, Type/Size _____
☐ Other _____

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

- b. Shipping frequency: Units 3 Per: ☐ Month ☐ Quarter ☐ Year ☒ One Time ☐ Other _____
- c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e and f) ☒ YES ☐ NO
- d. Reportable quantity (lbs./kgs): 1 e. Hazardous Class/ID#: UN 2315
- f. USDOT Shipping Name RQ, Polychlorinated Biphenyls, Solid
- g. Personal Protective Equipment Requirements _____
- h. Transporter/Transfer Station _____

C. Generator's Certification (Please check appropriate responses, sign and date below)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2 ☐ YES ☒ NO
- a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U) _____
- b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (If yes, list in Section. B.I.J) ☐ YES ☐ NO
- c. Does this waste contain debris? (If yes, list size and type in Chemical Composition- B.I.) ☒ YES ☐ NO
2. Is this a state hazardous waste? ☒ YES ☐ NO
- Identify ALL state hazardous waste codes B007
3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☒ YES ☐ NO
- If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. For state mandated clean-up, provide relevant documentation.
4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? ☐ YES ☒ NO
5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761? (If yes, list in Chemical Composition-B.I.J.) ☒ YES ☐ NO
- a. If yes, were the PCBs imported into the U.S.? ☐ YES ☒ NO
6. Do the waste profile sheet and all the attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☒ YES ☐ NO
7. Will all- changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☒ YES ☐ NO

☒ Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. I authorize WMI to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Certification Signature: Peter Mannino Title: USEPA RPM
 Name (Type or Print) Peter Mannino Company Name USEPA Date 1/24/07

☒ Check if additional information is attached. Indicate the number of attached pages. 1 Tank Wall Solids (6L22008) and Tank Bottom Solids (6L20009) analytical results

D. Waste Management's Decision

1. Management Method ☐ Landfill ☐ Non-hazardous Solidification ☐ Bioremediation ☐ Incineration
☐ Hazardous Stabilization ☐ Other (Specify) _____
2. Proposed Ultimate Management Facility _____
3. Precautions, Special Handling Procedures, or Limitation on Approval _____
4. Waste Form: _____ 5. Source: _____ 6. System Type: _____
- Special Waste Decision: ☐ Approved ☐ Disapproved
- Salesperson's Signature: _____ Date: _____

Cornell Dubillier Electronics Superfund Site – Site Sample Review Form

Prepared For: Sample ID(s) G238-Oil tank-Wall-1-4-122106

Prepared By: Ken Paisley

CC: Kim Lickfield

Date: 01/10/07

Waste Determination (if applicable): PCB Debris > 50 PPM (TSCA)

This memorandum summarizes the results of the internal data quality review assessment for the above referenced sample(s) conducted by Severson Environmental Services, Inc., personnel as part of its Corporate Data Quality Assurance Program. All results have been evaluated relative to general guidance provided in 40 CFR 261, Identification and Listing of Hazardous Wastes, for hazardous waste determination. (www.epa.gov/epacfr40/chapt-I.info/chi-toc.htm).

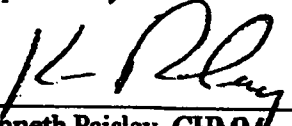
A copy of the data assessment sheet for the sample is attached. The analyses performed are of acceptable data quality.

"I, the undersigned, as authorized by my company and under its Contract No. W912DQ-04-D-0023, certify that the wastestream represented by this analysis will be managed as follows:

Disposal Facility – CWM Model City/Model City, NY
Waste Classification – PCB Debris > 50 ppm (TSCA Regulated)

This waste management decision is based upon the definitions of hazardous waste as defined in 40 CFR 261.20 to 261.24 and/or 40 CFR 761. Furthermore, based on generator's knowledge of site processes, the waste is not a listed hazardous waste per 40 CFR 261.30 to 261.34, and, TCLP and Total Characteristics not tested for are known not to be present in the concentrations equal to or greater than the values specified in the TC Rule in 40 CFR 261.24."

Approved by:


Kenneth Paisley, CHMM
Technical Services Manager

DATA EVALUATION CHECKLIST

Project Name/Sevenson Job Number: Cornell-Dubilier/G238
 Laboratory: Waste Stream Technology, Inc.
 Laboratory Report Number: 6L22008
 Laboratory Sample IDs: 6L22008-01
 Sample Collection Date(s): 12/21/06
 Sample Type/Matrix: Oil Tank Wall/Waste Characterization
 Analyses Performed: RCRA Characteristics, Full TCLP, PCBs
 Reviewed By: JAS Date Initiated: 01/09/07 Date Completed: 01/09/07

ATTACHMENTS:

☒ Sample ID Table
☐ Laboratory/Analytical Deficiency Notification (DNF)
☐ Sample/Analysis Irregularity Form
☐ RPD Summary Table

REPORT CONTENTS: The following items should be included in the complete laboratory analytical data report. If any of the items are missing, contact the laboratory to obtain the missing items.

Field sample identifiers and corresponding laboratory ID numbers (also prepare a table that matches field sample IDs, laboratory IDs, rinsate blanks, trip blanks, duplicate samples, laboratory QC samples, and QA laboratory split samples)	<input checked="" type="checkbox"/>			
Case narrative	<input checked="" type="checkbox"/>			
Chain-of-custody form(s)	<input checked="" type="checkbox"/>			
Laboratory Sample Receipt Checklist and USACE Cooler Receipt Form	<input checked="" type="checkbox"/>			
Shipping papers and custody seals	<input checked="" type="checkbox"/>			
Data Qualifier Sheet that defines the data qualifiers used by the laboratory to report the analytical results	<input checked="" type="checkbox"/>			
Summary of methodologies, receipt dates, analysis dates, etc.	<input checked="" type="checkbox"/>			

DETAILED ASSESSMENT AND VALIDATION: Complete the assessment and validation for each laboratory data report by checking the appropriate column (yes "Y", no "N", or not applicable "NA"). If the answer to any of the questions is "no", an explanation of the non-compliance/deficiency and associated corrective action should be included in the case narrative and on a Laboratory/Analytical Deficiency Notification Form (DNF). If a DNF is available, attach to the Data Evaluation Checklist.

Was the chain-of-custody form properly completed and signed by the field personnel when relinquished and by the laboratory when received?	<input checked="" type="checkbox"/>			
Was the chain-of-custody form free of errors and discrepancies?	<input checked="" type="checkbox"/>			
Are the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms present and properly signed?	<input checked="" type="checkbox"/>			
Do the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms indicate that the samples were received within proper temperature and in good condition?	<input checked="" type="checkbox"/>			
Were samples that required preservation properly preserved?			<input checked="" type="checkbox"/>	
Were all chain-of-custody-requested analyses performed?	<input checked="" type="checkbox"/>			
Are analytical results reports present for all samples and for all analyses?	<input checked="" type="checkbox"/>			
Do the result reports for each analytical parameter for each sample list all of the required site-specific compounds or metals as specified in the QAPP?	<input checked="" type="checkbox"/>			
Were extraction (when applicable) and analysis holding times for sample met?	<input checked="" type="checkbox"/>			
Does the report contain method blank results for each analytical parameter performed?	<input checked="" type="checkbox"/>			
Were the method blanks free of target compounds?		<input checked="" type="checkbox"/>		TCLP Barium - 0.062mg/L
Were the site samples free of compounds detected in the method blank?		<input checked="" type="checkbox"/>		
If the site samples were not free of compounds detected in the method blank, did the laboratory flag the site samples with a "B" qualifier?	<input checked="" type="checkbox"/>			A "U" qualifier was assigned to the TCLP barium result in sample 6L22008-01.

If the report contains results for aqueous volatile organic samples, does the report contain trip blank results?			✓	
If the report contains results for samples collected using non-dedicated equipment, does the report contain rinsate blank results?			✓	
Were the site samples free of compounds detected in the trip and/or rinsate blank?			✓	
Does the report contain the results of LCS analyses with the corresponding control limits reported?	✓			
Are the recoveries from the LCS analyses within the corresponding control limits?		✓		The LCS/LCSD RPD for TCLP pyridine was greater than the QC limits.
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, if available.)	✓			The individual LCS recoveries were within the QC limits. The sample results were assigned "J" qualifiers during data review.
Does the report contain a field replicate sample?			✓	
Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table.			✓	
Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-BF.			✓	
For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported?	✓			
Are the surrogate compound recoveries within the control limits?		✓		PCBs: The surrogate compounds tetrachloro-meta-xylene and decachlorobiphenyl were diluted out of sample 6L22008-01. Pesticides: The recovery of decachlorobiphenyl was less than the QC limit in sample 6L22008-01.
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, if available.)	✓			PCBs: The sample was analyzed at a 50-times dilution due to the high concentration of target compounds. No qualifiers were assigned to the sample results during data review. Pesticides: According to the laboratory, matrix interference was the most likely cause of the low recovery. "J" qualifiers were assigned to the sample results for the compounds associated with the surrogate compound (i.e., endrin, methoxychlor, and toxaphene).
Does the report contain, for each applicable analytical parameter, the results of matrix spike sample analyses including the recoveries and corresponding control limits?	✓			
Does the report contain, for each applicable analytical parameter, the results of matrix spike duplicate and/or laboratory duplicate pairs, including the relative percent differences and corresponding control limits?	✓			
Are the recoveries from the matrix spike, matrix spike duplicate, and/or laboratory duplicate pairs, including the relative percent differences, within the control limits?	✓			
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, if available.)			✓	
Do the analytical results reports list the sample quantitation limits for each compound?	✓			
Are the project-required quantitation limits included in the QAPP met?	✓			
If the quantitation limits are out of range, does the case narrative document the cause(s) as to why the limits are above criteria?			✓	
For the organic analysis parameters, are the results that are greater than the MDL but below the MQL properly flagged by the laboratory with the "J" qualifier?			✓	
For the organic parameter results that have compounds that are flagged with the "D" qualifiers, does the result report state the dilution factor that was used to obtain the result and the date on which the dilution was analyzed?			✓	

Data Assessment/Validation by:

Jennifer Singer
Name

Jennifer A Singer
Signature

1/9/07
Date

CQC Systems Review by:

Kenneth Paisley
Name

K- Paisley
Signature

1/10/07
Date

Project Name/Job Number: Cornell-Dubilier/G238

Sample Type: Tank Wall/Waste Characterization

Sample Collection Date: 12/21/06

Laboratory: Waste Stream Technology, Inc.

Laboratory Report ID/Group Number: 6L22008

SAMPLE LOCATION (FIELD ID)	LABORATORY SAMPLE ID	ASSOCIATED FIELD DUPLICATE (FIELD AND LABORATORY ID)	LABORATORY QC PERFORMED WITH SAMPLE (if any)
G238-Oil Tank Wall-1-4-122106	6L22008-01		TCLP VOC MS
	6L20009-04*		TCLP Mercury MS/MSD
	6L26005-01*		TCLP Metals MS/MSD

* Indicates sample analyzed in the same batch as samples from group number 6L22008

WASTE STREAM TECHNOLOGY, INC.

302 Gote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date: 01/09/07
Work Order Number: 6L22008

Prepared For
Sam Tavelaris
Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls, NY 14305
Fax (716) 285-4201
Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/22/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Daniel W. Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety

Sevenson/G-Jobs 2749 Lockport Road Niagara Falls NY, 14305	Project: Cornell-Dubilier Electronics Project Number: Cornell-Dubilier Electronics G-238 Project Manager: Sam Tavelaris	Reported: 01/09/07 15:05
--	---	-----------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Wall-1-4-122106	6L22008-01	Soil	12/21/06 09:30	12/22/06 15:00

Case Narrative

This narrative pertains to one sample from the Cornell-Dubilier Electronics G-238 site, collected on December 21, 2006 and received December 22, 2006. The sample corresponds to the Waste Stream Technology Inc. work order number 6L22008 and sample ID is 6L22008-01.

1. **Sample Receipt and Preservation:** The sample arrived at the laboratory carefully packed in one cooler and the custody seals were on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 23°C). All of the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

2. **Sample Holding Times:** All required holding times were met for all of the extractions and analyses performed on the sample for work order number 6L22008.

3. **Method Blank Analysis:** The method blanks analyzed for each of the analytical parameters performed on the samples in work order number 6L22008 did not contain any target analytes, with the following exception:

3.1 Barium was detected in the metals method blank at a level of 0.062 mg/L, above the reporting level of 0.025 mg/L. Barium was detected in sample 6L22008-01 and was flagged with the B qualifier.

4. **Laboratory Control Sample (LCS) Analysis:** Recoveries of the target analytes from the laboratory control samples associated with the analyses of the sample from work order number 6L22008 were found to be within the control limits.

5. **Matrix Spike and Matrix Spike Duplicate Analysis:** Matrix spike and matrix spike duplicates were performed for ICLP metals for sample number 6L26005-01 (a sample not from work order number 6L22008, but prepared and analyzed in the same batch). All recoveries and RPDs for this analysis were within QC limits.

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 6L20009-04 (a Cornell-Dubilier Electronics sample not from work order number 6L22008, but prepared and analyzed in the same analytical batch). All recoveries and RPDs for these analyses were within QC limits.

Matrix spike analysis was performed for ICLP volatile analysis on sample number 6L22008-01. All recoveries for this analysis were within QC limits.

Laboratory control sample duplicates were analyzed for PCB, ICLP pesticide, ICLP herbicide, and semivolatile organic compound analyses. The recoveries and RPDs for these analyses were within QC limits, with the following exception:

5.1: The RPD of pyridine from the ICLP semivolatile LCS Dup AL62718-BSD1 was above QC limits and was flagged with the B qualifier.

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilier Electronics site samples from work order number 6L20009 and the associated quality control sample analyses were found to be within laboratory quality limits, with the following exceptions:

6.1 The recoveries of the surrogate compounds Tetrachloro-meta-xylene and Decachlorobiphenyl in sample 6L22008-01 for PCB analysis were not available due to sample dilution required from high analyte concentration and were flagged with the S - 01 and U qualifiers.

6.2 The recovery of the surrogate compound Decachlorobiphenyl in sample 6L22008-01 for ICLP Pesticide analysis was lower than Q limits due to a sample matrix effect and was flagged with the S-04 qualifier.

7. Trip Blank Analyses: Trip blank analysis was not performed for this work order.

8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical report is true, accurate and complete, and conforms to the current Sampling and Analysis Plan for the Higgins Farm Superfund Site. A Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature.

Sevenson/G-Johns
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Sam Javelaris

Reported:
01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
G238-08 Tank-Wall-1-4-122186 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00										
Mercury	ND	0.001	mg/L	1	AL62707	12/27/06	12/27/06	EPA 7470A-ICLP		U
Silver	ND	0.025	"	5	AL62711	12/27/06	12/27/06	6010B		U
Arsenic	ND	0.045	"	"	"	"	"	"		U
Barium	0.068	0.025	"	"	"	"	"	"		U
Cadmium	ND	0.025	"	"	"	"	"	"		BU
Chromium	ND	0.025	"	"	"	"	"	"		U
Lead	ND	0.075	"	"	"	"	"	"		U
Selenium	ND	0.095	"	"	"	"	"	"		U

WJ
1/9/07

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

Polychlorinated Biphenyls by EPA Method 8082
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-011 Tank-Wall-1-4-122106 (GL22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Aroclor 1016	ND	165	ug/kg dry	50	AL62716	12/27/06	12/27/06	8082	U
Aroclor 1221	ND	165	"	"	"	"	"	"	U
Aroclor 1232	ND	165	"	"	"	"	"	"	U
Aroclor 1242	4900	165	"	"	"	"	"	"	U
Aroclor 1248	ND	165	"	"	"	"	"	"	U
Aroclor 1254	11500	165	"	"	"	"	"	"	U
Aroclor 1260	1240	165	"	"	"	"	"	"	U
Surrogate: Tetrachloro-meta-xylene		%	61-140	"	"	"	"	"	S-01, U
Surrogate: Decachlorobiphenyl		%	56-136	"	"	"	"	"	S-01, U

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Isvelaris

Reported:
01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-08 Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
vinyl chloride	ND	10	ug/l	1	AL62704	12/27/06	12/27/06	8260-TCLP	U
1,1-dichloroethene	ND	10	"	"	"	"	"	"	U
2-butanone	ND	100	"	"	"	"	"	"	U
chloroform	ND	10	"	"	"	"	"	"	U
carbon tetrachloride	ND	10	"	"	"	"	"	"	U
benzene	ND	10	"	"	"	"	"	"	U
1,2-dichloroethane	ND	10	"	"	"	"	"	"	U
trichloroethene	16	10	"	"	"	"	"	"	U
tetrachloroethene	ND	10	"	"	"	"	"	"	U
chlorobenzene	ND	10	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	10	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane	98.7 %	75-125	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	66-128	"	"	"	"	"	"	
Surrogate: Toluene-d8	96.7 %	81-118	"	"	"	"	"	"	
Surrogate: Bromofluorobenzene	90.3 %	85-123	"	"	"	"	"	"	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavcharis

Reported:
01/09/07 15:05

TCLP Pesticides by EPA Method 1311/8081A

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-08 Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Gamma-BHC (Lindane)	ND	0.040	ug/l	1	AL62717	12/27/06	12/28/06	EPA 8081A	U
Heptachlor	ND	0.040	"	"	"	"	"	"	U
Heptachlor Epoxide	ND	0.040	"	"	"	"	"	"	U
Endrin	ND	0.040	"	"	"	"	"	"	U
Methoxychlor	ND	0.040	"	"	"	"	"	"	U
Chlordane	ND	0.800	"	"	"	"	"	"	U
Toxaphene	ND	0.040	"	"	"	"	"	"	U
Surrogate: <i>1,2,4-trichloro-3-methylbenzene</i>		74.5 %		55-135	"	"	"	"	
Surrogate: <i>Decachlorobiphenyl</i>		40.5 %		58-130	"	"	"	"	S-04

Qd
1/9/07

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

TCLP Herbicides by EPA Method 1311/8151A
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-ON Tank-Water-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/21/06 15:00									
2,4-D	ND	20.0	ug/l	50	AL62804	12/28/06	12/28/06	8151	U
2,4,5-TP (Silvex)	ND	20.0	"	"	"	"	"	"	U
Surrogate: 2,4-DCPAA		87.8 %	24-146	"	"	"	"	"	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-08 Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
pyridine	ND	8	ug/l	1	AL62718	12/27/06	12/27/06	8270C-ICLP	U J
1,4-dichlorobenzene	ND	8	"	"	"	"	"	"	U
Total cresols (o,m & p)	ND	24	"	"	"	"	"	"	U
hexachloroethane	ND	8	"	"	"	"	"	"	U
nitrobenzene	ND	8	"	"	"	"	"	"	U
hexachlorobutadiene	ND	8	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	16	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	8	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	8	"	"	"	"	"	"	U
hexachlorobenzene	ND	8	"	"	"	"	"	"	U
pentachlorophenol	ND	16	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol	41.4 %	14-53	"	"	"	"	"	"	
Surrogate: Phenol-d6	27.2 %	10-35	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	83.8 %	38-96	"	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	76.8 %	41-95	"	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol	99.0 %	44-124	"	"	"	"	"	"	
Surrogate: Terphenyl-d14	119 %	42-127	"	"	"	"	"	"	

WST
1/9/07

Sorenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

Conventional Chemistry Parameters by EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Off Tank-Wall-1-4-122106 (6L22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
pH	5.04	0.10	pH Units	1	AL62722	12/27/06	12/27/06	EPA 9045C	
% Solids	96.8	0.1	%	"	AL62801	12/27/06	12/28/06	% calculation	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Isvelaris

Reported:
01/09/07 15:05

Physical Parameters by APHA/ASTM/EPA Methods
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Old Tank-Wall-1-4-122106 (GL22008-01) Soil Sampled: 12/21/06 09:30 Received: 12/22/06 15:00									
Ignitability by Flashpoint	>200		deg F	1	AL62720	12/27/06	12/27/06	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	"	AL61930	12/22/06	12/22/06	Section 7332	U
Reactive Sulfide	ND	40.0	"	"	AL61929	"	12/22/06	Section 7342	U

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62707 - EPA 7470A Leachate										
Blank (AL62707-BLK1)										
Prepared & Analyzed: 12/27/06										
Mercury	ND	0.001	mg/L							U
LCS (AL62707-BS1)										
Prepared & Analyzed: 12/27/06										
Mercury	0.00341	0.001	mg/L	0.00333		102	80-120			
LCS (AL62707-BS2)										
Prepared & Analyzed: 12/27/06										
Mercury	0.00351	0.001	mg/L	0.00333		105	80-120			
Matrix Spike (AL62707-MS1)										
Source: 6L20009-04 Prepared & Analyzed: 12/27/06										
Mercury	0.00342	0.001	mg/L	0.00333	ND	103	75-125			
Matrix Spike Dup (AL62707-MSD1)										
Source: 6L20009-04 Prepared & Analyzed: 12/27/06										
Mercury	0.00356	0.001	mg/L	0.00333	ND	107	75-125	4.01	25	
Batch AL62711 - EPA 3015 Leachate										
Blank (AL62711-BLK1)										
Prepared & Analyzed: 12/27/06										
Silver	ND	0.025	mg/L							U
Arsenic	ND	0.045	"							U
Barium	0.062	0.025	"							
Cadmium	ND	0.025	"							U
Chromium	ND	0.025	"							U
Lead	ND	0.075	"							U
Selenium	ND	0.095	"							U
LCS (AL62711-BS1)										
Prepared & Analyzed: 12/27/06										
Silver	1.14	0.025	mg/L	1.11		103	80-120			
Arsenic	1.18	0.045	"	1.11		106	80-120			
Barium	1.20	0.025	"	1.11		108	80-120			
Cadmium	1.17	0.025	"	1.11		105	80-120			
Chromium	1.07	0.025	"	1.11		96.4	80-120			
Lead	1.11	0.075	"	1.11		100	80-120			
Selenium	1.19	0.095	"	1.11		107	80-120			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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Batch AL62711 - EPA 3015 Leachate

LCS (AL62711-RS2)

Prepared & Analyzed: 12/27/06

Silver	1.09	0.025	mg/L	1.11		98.2	80-120			
Arsenic	1.12	0.045	"	1.11		101	80-120			
Barium	1.12	0.025	"	1.11		101	80-120			
Cadmium	1.10	0.025	"	1.11		99.1	80-120			
Chromium	1.01	0.025	"	1.11		91.0	80-120			
Lead	1.06	0.075	"	1.11		95.5	80-120			
Selenium	1.11	0.095	"	1.11		100	80-120			

Matrix Spike (AL62711-MS1)

Source: 6L26005-01

Prepared & Analyzed: 12/27/06

Silver	1.16	0.025	mg/L	1.11	ND	105	75-125			
Arsenic	1.19	0.045	"	1.11	0.010	106	75-125			
Barium	1.96	0.025	"	1.11	0.825	102	75-125			
Cadmium	1.13	0.025	"	1.11	0.009	103	75-125			
Chromium	1.07	0.025	"	1.11	ND	96.4	75-125			
Lead	1.11	0.075	"	1.11	ND	100	75-125			
Selenium	1.20	0.095	"	1.11	ND	108	75-125			

Matrix Spike Dup (AL62711-MSD1)

Source: 6L26005-01

Prepared & Analyzed: 12/27/06

Silver	1.14	0.025	mg/L	1.11	ND	103	75-125	1.74	25	
Arsenic	1.18	0.045	"	1.11	0.010	105	75-125	0.844	25	
Barium	1.93	0.025	"	1.11	0.825	99.5	75-125	1.54	25	
Cadmium	1.14	0.025	"	1.11	0.009	102	75-125	0.873	25	
Chromium	1.05	0.025	"	1.11	ND	94.6	75-125	1.89	25	
Lead	1.10	0.075	"	1.11	ND	99.1	75-125	0.905	25	
Selenium	1.21	0.095	"	1.11	ND	109	75-125	0.830	25	

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62716 - EPA 3550B										
Blank (AL62716-BLK1)										
Prepared & Analyzed: 12/27/06										
Aroclor 1016	ND	3.30	ug/kg wet							U
Aroclor 1221	ND	3.30	"							U
Aroclor 1232	ND	3.30	"							U
Aroclor 1242	ND	3.30	"							U
Aroclor 1248	ND	3.30	"							U
Aroclor 1254	ND	3.30	"							U
Aroclor 1260	ND	3.30	"							U
Surrogate: Tetrachloro-meta-xylene	19.1		"	16.7		114	61-140			
Surrogate: Decachlorobiphenyl	14.6		"	16.7		87.4	56-136			
LCS (AL62716-BS1)										
Prepared & Analyzed: 12/27/06										
Aroclor 1016	37.9	3.30	ug/kg wet	33.3		114	75-148			
Aroclor 1260	35.1	3.30	"	33.3		105	62-142			
Surrogate: Tetrachloro-meta-xylene	19.8		"	16.7		119	61-140			
Surrogate: Decachlorobiphenyl	15.8		"	16.7		94.6	56-136			
LCS Dup (AL62716-BSD1)										
Prepared & Analyzed: 12/27/06										
Aroclor 1016	36.9	3.30	ug/kg wet	33.3		111	75-148	2.67	200	
Aroclor 1260	34.9	3.30	"	33.3		105	62-142	0.571	200	
Surrogate: Tetrachloro-meta-xylene	18.6		"	16.7		111	61-140			
Surrogate: Decachlorobiphenyl	16.1		"	16.7		96.4	56-136			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported:
01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62704 - EPA 1311/ZHE

Blank (AL62704-BLKI)										
Prepared & Analyzed: 12/27/06										
vinyl chloride	ND	10	ng/l							U
1,1-dichloroethene	ND	10	"							U
2-butanone	ND	100	"							U
chloroform	ND	10	"							U
carbon tetrachloride	ND	10	"							U
benzene	ND	10	"							U
1,2-dichloroethane	ND	10	"							U
trichloroethene	ND	10	"							U
tetrachloroethene	ND	10	"							U
chlorobenzene	ND	10	"							U
1,4-dichlorobenzene	ND	10	"							U

Surrogate: Dibromofluoromethane	28.6		ng/ml	30.0		95.3	75-125
Surrogate: 1,2-Dichloroethane-d4	29.6		"	30.0		98.7	66-128
Surrogate: Toluene-d8	28.1		"	30.0		93.7	81-118
Surrogate: Bromofluorobenzene	28.2		"	30.0		94.0	85-123

LCS (AL62704-B51)				Prepared & Analyzed: 12/27/06		
vinyl chloride	147	10	ng/l	200	73.5	57-127
1,1-dichloroethene	175	10	"	200	87.5	70-123
2-butanone	246	100	"	200	123	66-156
chloroform	187	10	"	200	93.5	71-130
carbon tetrachloride	185	10	"	200	92.5	70-125
benzene	184	10	"	200	92.0	78-119
1,2-dichloroethane	194	10	"	200	97.0	75-125
trichloroethene	184	10	"	200	92.0	78-118
tetrachloroethene	192	10	"	200	96.0	71-119
chlorobenzene	186	10	"	200	93.0	81-115
1,4-dichlorobenzene	191	10	"	200	95.5	75-120

Surrogate: Dibromofluoromethane	29.4		ng/ml	30.0		98.0	75-125
Surrogate: 1,2-Dichloroethane-d4	28.3		"	30.0		94.3	66-128
Surrogate: Toluene-d8	28.4		"	30.0		94.7	81-118
Surrogate: Bromofluorobenzene	27.5		"	30.0		91.7	85-123

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62704 - EPA 1311/ZHE

Matrix Spike (AL62704-MSI)	Source: GL22008-01			Prepared & Analyzed: 12/27/06						
vinyl chloride	153	10	ug/l	200	0	76.5	54-125			
1,1-dichloroethene	172	10	"	200	0	86.0	70-123			
2-butanone	226	100	"	200	0	113	59-177			
chloroform	193	10	"	200	0	96.5	71-124			
carbon tetrachloride	181	10	"	200	0	90.5	67-114			
benzene	186	10	"	200	0	93.0	81-114			
1,2-dichloroethane	192	10	"	200	0	96.0	74-123			
trichloroethene	201	10	"	200	16	92.5	73-119			
tetrachloroethene	192	10	"	200	0	96.0	72-116			
chlorobenzene	192	10	"	200	0	96.0	81-113			
1,4-dichlorobenzene	184	10	"	200	0	92.0	77-115			
Surrogate: Dibromofluoromethane	29.0		ng/ml	30.0		96.7	75-125			
Surrogate: 1,2-Dichloroethane-d4	29.5		"	30.0		98.3	66-128			
Surrogate: Toluene-d8	29.1		"	30.0		97.0	81-118			
Surrogate: Bromofluorobenzene	27.2		"	30.0		90.7	85-123			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

TCLP Pesticides by EPA Method 1311/8081A - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62717 - EPA 3510C Leachate

Blank (AL62717-BLK1)				Prepared: 12/27/06		Analyzed: 12/28/06				
Gamma-BHC (Lindane)	ND	0.040	ug/l							U
Heptachlor	ND	0.040	"							U
Heptachlor Epoxide	ND	0.040	"							U
Endrin	ND	0.040	"							U
Methoxychlor	ND	0.040	"							U
Chlordane	ND	0.800	"							U
Toxaphene	ND	0.040	"							U
Surrogate: Tetrachloro-meta-xylene	1.87		"	2.00		93.5	55-135			
Surrogate: Decachlorobiphenyl	1.28		"	2.00		64.0	58-130			

LCS (AL62717-BS1)				Prepared: 12/27/06		Analyzed: 12/28/06				
Gamma-BHC (Lindane)	1.12	0.040	ug/l	1.20		93.3	72-128			
Heptachlor	1.17	0.040	"	1.20		97.5	78-130			
Heptachlor Epoxide	1.15	0.040	"	1.20		95.8	68-128			
Endrin	1.23	0.040	"	1.20		102	73-143			
Methoxychlor	1.60	0.040	"	1.20		133	73-136			
Surrogate: Tetrachloro-meta-xylene	1.95		"	2.00		97.5	55-135			
Surrogate: Decachlorobiphenyl	1.33		"	2.00		66.5	58-130			

LCS Dup (AL62717-BSD1)				Prepared: 12/27/06		Analyzed: 12/28/06				
Gamma-BHC (Lindane)	1.09	0.040	ug/l	1.20		90.8	72-128	2.71	25	
Heptachlor	1.16	0.040	"	1.20		96.7	78-130	0.858	25	
Heptachlor Epoxide	1.13	0.040	"	1.20		94.2	68-128	1.75	25	
Endrin	1.22	0.040	"	1.20		102	73-143	0.816	25	
Methoxychlor	1.61	0.040	"	1.20		134	73-136	0.623	25	
Surrogate: Tetrachloro-meta-xylene	1.83		"	2.00		91.5	55-135			
Surrogate: Decachlorobiphenyl	1.45		"	2.00		72.5	58-130			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Invelaris

Reported:
01/09/07 15:05

TCLP Herbicides by EPA Method 1311/8151A - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62804 - EPA 3510C Leachate										
Blank (AL62804-BLK1)				Prepared & Analyzed: 12/28/06						
2,4-D	ND	20.0	ug/l							U
2,4,5-TP (Silvex)	ND	20.0	"							U
Surrogate: 2,4-DCPAA	370		"	400		92.5	24-146			
LCS (AL62804-BS1)				Prepared & Analyzed: 12/28/06						
2,4-D	408	20.0	ug/l	400		102	57-151			
2,4,5-TP (Silvex)	408	20.0	"	400		102	70-144			
Surrogate: 2,4-DCPAA	395		"	400		98.8	24-146			
LCS Dup (AL62804-BSD1)				Prepared & Analyzed: 12/28/06						
2,4-D	378	20.0	ug/l	400		94.5	57-151	7.63	30	
2,4,5-TP (Silvex)	378	20.0	"	400		94.5	70-144	7.63	30	
Surrogate: 2,4-DCPAA	347		"	400		86.8	24-146			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62718 - EPA 3510C Leachate

Blank (AL62718-BLKI)										
Prepared & Analyzed: 12/27/06										
pyridine	ND	8	ug/l							U
1,4-dichlorobenzene	ND	8	"							U
Total cresols (o,m & p)	ND	24	"							U
hexachloroethane	ND	8	"							U
nitrobenzene	ND	8	"							U
hexachlorobutadiene	ND	8	"							U
2,4,6-trichlorophenol	ND	16	"							U
2,4,5-trichlorophenol	ND	8	"							U
2,4-dinitrotoluene	ND	8	"							U
hexachlorobenzene	ND	8	"							U
pentachlorophenol	ND	16	"							U
Surrogate: 2-Fluorophenol	363		"	800		45.4	14-53			
Surrogate: Phenol-d6	225		"	800		28.1	10-35			
Surrogate: Nitrobenzene-d5	347		"	400		86.8	38-96			
Surrogate: 2-Fluorobiphenyl	339		"	400		84.8	41-95			
Surrogate: 2,4,6-Tribromophenol	810		"	800		101	44-124			
Surrogate: Terphenyl-d14	427		"	400		107	42-127			

LCS (AL62718-BSI)										
Prepared & Analyzed: 12/27/06										
pyridine	49.0	8	ug/l	200		24.5	7-32			
1,4-dichlorobenzene	109	8	"	200		54.5	46-95			
Total cresols (o,m & p)	212	24	"	400		53.0	37-76			
hexachloroethane	104	8	"	200		52.0	44-101			
nitrobenzene	147	8	"	200		73.5	61-93			
hexachlorobutadiene	122	8	"	200		61.0	51-114			
2,4,6-trichlorophenol	164	16	"	200		82.0	62-101			
2,4,5-trichlorophenol	172	8	"	200		86.0	59-105			
2,4-dinitrotoluene	177	8	"	200		88.5	72-113			
hexachlorobenzene	175	8	"	200		87.5	67-127			
pentachlorophenol	181	16	"	200		90.5	59-132			
Surrogate: 2-Fluorophenol	322		"	800		40.2	14-53			
Surrogate: Phenol-d6	214		"	800		26.8	10-35			
Surrogate: Nitrobenzene-d5	324		"	400		81.0	38-96			
Surrogate: 2-Fluorobiphenyl	323		"	400		80.8	41-95			
Surrogate: 2,4,6-Tribromophenol	806		"	800		101	44-124			
Surrogate: Terphenyl-d14	454		"	400		114	42-127			

Waste Stream Technology Inc.

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Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Sam Iavelaris

Reported:
01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AL62718 - EPA 3510C Leachate

LCS Dup (AL62718-BSD1)

Prepared & Analyzed: 12/27/06

pyridine	87.0	8	ug/l	200		43.5	7-52	35.9	30	
1,4-dichlorobenzene	130	8	"	200		65.0	46-95	17.6	30	
Total cresols (o,m & p)	230	24	"	400		57.5	37-76	8.14	30	
hexachlorocyclohexane	124	8	"	200		62.0	44-101	17.5	30	
nitrobenzene	167	8	"	200		83.5	61-93	12.7	30	
hexachlorobutadiene	143	8	"	200		71.5	51-114	15.8	30	
2,4,6-trichlorophenol	176	16	"	200		88.0	62-101	7.06	30	
2,4,5-trichlorophenol	185	8	"	200		92.5	59-105	7.28	30	
2,4-dinitrotoluene	187	8	"	200		93.5	72-113	5.49	30	
hexachlorobenzene	183	8	"	200		91.5	67-127	4.47	30	
pentachlorophenol	198	16	"	200		99.0	59-132	8.97	30	
Surrogate: 2-Fluorophenol	367		"	800		45.9	14-33			
Surrogate: Phenol-d6	231		"	800		28.9	10-35			
Surrogate: Nitrobenzene-d5	375		"	400		93.8	38-96			
Surrogate: 2-Fluorobiphenyl	354		"	400		88.5	41-95			
Surrogate: 2,4,6-Tribromophenol	864		"	800		108	44-124			
Surrogate: Terphenyl-d14	165		"	400		116	42-127			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics
Project Number: Cornell-Dublier Electronics G-238
Project Manager: Sam Isvelaris

Reported:
01/09/07 15:05

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch AL61929 - General Preparation									
Blank (AL61929-BLK1)					Prepared: 12/15/06	Analyzed: 12/19/06			
Reactive Sulfide	ND	40.0	mg/kg						U
LCS (AL61929-BS1)					Prepared: 12/15/06	Analyzed: 12/19/06			
Reactive Sulfide	409	40.0	mg/kg	503		81.0	66-109		
Batch AL61930 - General Preparation									
Blank (AL61930-BLK1)					Prepared: 12/15/06	Analyzed: 12/19/06			
Reactive Cyanide	ND	40.0	mg/kg						U
LCS (AL61930-BS1)					Prepared: 12/15/06	Analyzed: 12/19/06			
Reactive Cyanide	79.1	40.0	mg/kg	849		9.32	7-12		
Batch AL62720 - General Preparation									
LCS (AL62720-BS1)					Prepared & Analyzed: 12/27/06				
Ignitability by Flashpoint	82		deg F	81.0		101	80-120		

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs
2749 Lockport Road
Niagara Falls NY, 14305

Project Cornell-Dubilier Electronics
Project Number Cornell-Dubilier Electronics G-238
Project Manager Sam Tavelaris

Reported:
01/09/07 15:05

Notes and Definitions

U Analyte included in the analysis, but not detected

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

B Analyte is found in the associated blank as well as in the sample (CLP B-flag)

Denotes RPD is outside QC limits

DEI Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

6L22008

Waste Stream Technology Inc.

Client: Severson/G-Jobs
Project: Cornell-Dubilier ElectronicsProject Manager: Dan Vollmer
Project Number: Cornell-Dubilier Electronics G-238Report To:
Severson/G-Jobs
Sam Tavelaris
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (716) 609-1775
Fax: (716) 285-4201Invoice To:
Severson/G-Jobs
Al LaGreca
2749 Lockport Road
Niagara Falls, NY 14305
Phone: (716) 284-0431
Fax: (716) 284-1796Date Due: 12/28/06 17:00 (3 day TAT)
Received By: Kevin Burke
Logged In By: Kevin Burke
Shipped By: UPSDate Received: 12/22/06 15:00
Date Logged In: 12/22/06 15:00
Tracking No.: 1Z193 1AX 22 1095 8016
Samples Received at: 25°C

Temp > 6.0	No	Sample container received broken	No	Also fax report to Ken Felsley, SES NF
Prepared sample volume pH out of range	No	Sample label incomplete/did not match COC	No	
Number of containers did not match CX	No	Golger counter detected inaccuracy	No	
Cyanide interference check positive	No	No attempt made to thermally preserve sample	No	
Bubbles present in VOA container	No	COC not signed/filled out properly/checked & 1	No	
Custody seals not present/intact/signed	No			

Analysis	Date	TAT	Expires	Comments
----------	------	-----	---------	----------

6L22008-01 G238-OR Tank-Wall-1-4-122106 [Soil] Sampled 12/21/06 09:30

Eastern

TCLP ZHE Extraction	12/28/06 15:00	3	01/04/07 09:30
TCLP Extraction 1311	12/28/06 15:00	3	01/04/07 09:30
Solids, Dry Weight	12/28/06 15:00	3	06/19/07 09:30
PCBs by 8082	12/28/06 15:00	3	01/04/07 09:30
Full TCLP + RCRA Char	12/28/06 15:00	3	12/31/06 09:30

pH Check:

Analysis groups included in this work order

Full TCLP + RCRA Char

Reactive Sulfide	Reactive Cyanide	pH soil 9045	Metals RCRA TCLP ICP
Ignitability-1010	Hg TCLP CVAA	8270 TCLP	8260 TCLP
8151 TCLP Herbicides	8081 TCLP Pesticides		

Requested analyses of work order have been reviewed and approved By

Date

Review 1 By

Date

Review 2 By

Army Corp. of Engineers Sample Receipt Form

LIMS #

No. of Coolers

MRD Cooler #

Contract Cooler

PROJECT:

Date Received:

USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCERNING CHECK-IN PROBLEMS.

A. PRELIMINARY EXAMINATION PHASE: Date cooler was opened:

by (sign):

(print):

1. Did cooler come with shipping slip (airbill ext):

If yes enter carrier name & airbill number here:

YES

NO

2. Were custody seals on outside of cooler?

How many, where, date, time:

YES

NO

3. Were custody seals unbroken and intact at the date and time of arrival?

YES

NO

4. Did you screen samples for radioactivity using a Geiger counter?

YES

NO

5. Were custody papers sealed in a plastic bag & taped inside to the lid?

YES

NO

6. Were custody papers filled out properly (ink, signed, etc)?

YES

NO

7. Did you sign the custody papers in the appropriate places?

YES

NO

8. Was project identifiable from the custody forms?

If YES, enter project name at the top of this form.

YES

NO

9. If required, was enough ice used? Type:

YES

NO

10. Have designated person initial here to acknowledge receipt of cooler:

B. LOG-IN PHASE: Date samples were logged for:

by (sign):

(print):

11. Describe type of packing in cooler:

12. Were all bottles sealed in separate plastic bags?

YES

NO

13. Did all bottles arrive unbroken and were labels in good condition?

YES

NO

14. Were all labels complete (ID, date, time, signature, preservation)?

YES

NO

15. Did all bottle labels agree with custody papers?

YES

NO

16. Were correct containers used for the tests indicated?

YES

NO

17. Were correct preservatives added to samples?

YES

NO

18. Was a sufficient amount of sample sent for tests indicated?

YES

NO

19. Were bubbles absent in VOA samples? If NO, list by sample #:

YES

NO

20. Was the project manager called and status discussed?

If YES, give details on the back of this form.

YES

NO

21. Who was called?

Date:

By whom?

WASTESTREAM
1/2/2007

[illegible]

Appendix F

Manifests/ Certificates of Disposal

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number N J D 9 8 1 5 5 7 8 7 9	2. Page 1 of 1	3. Emergency Response Phone 716-998-4542	4. Manifest Tracking Number 001757432 JJK	
5. Generator's Name and Mailing Address US EPA Region II/Cornell-Dubilier Superfund Site 333 Hamilton Boulevard, S. Plainfield, NJ 07080 908-769-5301		6. Generator's Site Address (if different than mailing address) Same				
7. Generator's Phone:						
8. Transporter 1 Company Name Freehold Cartage, Inc.		U.S. EPA ID Number N J D 0 5 4 1 2 6 1 6 4				
9. Transporter 2 Company Name		U.S. EPA ID Number				
10. Designated Facility Name and Site Address CNM Chemical Services, LLC 1550 Balmer Road, Model City, NY 14107 716-754-8231		U.S. EPA ID Number N Y D 0 4 9 8 3 6 6 7 9				
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
X	1. RQ, Polychlorinated Biphenyls, Solid 9, UN 2315, PG II	1	CM	8272	KG	B007
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information CNM Approval VG 4062 PCB Out-of-Service Date: 12/28/06 SR# 825568-1 ERG # 171 ** CD Req'd ** PCB Waste ID = PCB Steel Tank Rec'd 8310 K						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled, packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name Patrick Nejjind (On behalf of USEPA)						
Signature Patrick Nejjind						
Month Day Year 02 19 07						
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Jim Smith						
Signature Jim Smith						
Month Day Year 02 19 07						
Transporter 2 Printed/Typed Name						
Signature						
Month Day Year						
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						
Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Lynn Kechowala						
Signature Lynn Kechowala						
Month Day Year 02 21 07						

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039

**UNIFORM HAZARDOUS
WASTE MANIFEST**

1. Generator ID Number

N J D 9 8 1 5 5 7 8 7 9

2. Page 1 of

3. Emergency Response Phone

716-998-4542

4. Manifest Tracking Number

001757432 JJK

5. Generator's Name and Mailing Address

**US EPA Region II/Cornell-Dublier Superfund Site
333 Hamilton Boulevard, S. Plainfield, NJ 07080**

Generator's Site Address (if different than mailing address)

Same

Generator's Phone:

908-769-5301

6. Transporter 1 Company Name

Freehold Cartage, Inc.

U.S. EPA ID Number

N J D 0 5 4 1 2 6 1 6 4

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

**CMH Chemical Services, LLC
1550 Balmer Road, Model City, NY 14107**

U.S. EPA ID Number

N Y D 0 4 9 8 3 6 6 7 9

Facility's Phone:

716-754-8231

9a.
HM

9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))

10. Containers

No.

Type

11. Total
Quantity

12. Unit
WL/Vol.

13. Waste Codes

X

**RQ, Polychlorinated Biphenyls, Solid
9, UN 2315, PG II**

1

CM

8272

KG

8007

14. Special Handling Instructions and Additional Information

CMH Approval VG 4052

PCB Out-of-Service Date: 12/28/06

ERG # 171

**** CD Req'd ****

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name:

Patrick Nejeand (on behalf of USEPA)

Signature

Patrick Nejeand

Month Day Year

02/19/07

16. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Tim Duka

Signature

Tim Duka

Month Day Year

02/19/07

Transporter 2 Printed/Typed Name

Signature

Month Day Year

02/19/07

18. Discrepancy

18a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

18b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name

Signature

Month Day Year

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0031

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

N J D 9 8 1 5 5 7 8 7 9

2. Page 1 of

1

3. Emergency Response Phone

716-998-4542

4. Manifest Tracking Number

001757431 JJK

5. Generator's Name and Mailing Address

US EPA Region II/Cornell-Dubilier Superfund Site
333 Hamilton Boulevard, S. Plainfield, NJ 07080

Generator's Site Address (if different than mailing address)

Same

Generator's Phone: 908-769-5301

6. Transporter 1 Company Name

Freehold Cartage, Inc.

U.S. EPA ID Number

N J D 0 5 4 1 2 6 1 6 4

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

CMM Chemical Services, LLC
1550 Balmer Road, Model City, NY 14107

U.S. EPA ID Number

N Y D 0 4 9 8 3 6 6 7 9

Facility's Phone: 716-754-8231

9a.
HM

9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

13. Waste Codes

X

1. RQ, Polychlorinated Biphenyls, Solid
9, UN 2315, PG II

1

CM

9,596

KG

B007

GENERATOR

14. Special Handling Instructions and Additional Information

CMM Approval VG 4062

PCB Out-of-Service Date: 12/28/06

SR-825568-2

ERG # 171

** CD Req'd **

81612469

Rec'd 9616 K

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Owner's Printed/Typed Name

Patrick Nejad (on behalf of U.S.E.P.A.)

Signature

Patrick Nejad

Month Day Year

2 19 07

16. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Robert Nooren

Signature

Robert Nooren

Month Day Year

2 19 07

Transporter 2 Printed/Typed Name

Signature

Month Day Year

2 19 07

TRANSPORTER

18. Discrepancy

18a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

18b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H132

2

3

4

20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name

Kynn Pechowski

Signature

Kynn Pechowski

Month Day Year

02/21/07

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number				
		N J D 9 8 1 5 5 7 8 7 9	1	716-998-4542	001757431 JJK				
5. Generator's Name and Mailing Address US EPA Region II/Cornell-Dubilier Superfund Site 333 Hamilton Boulevard, S. Plainfield, NJ 07080 Generator's Phone: 908-769-5301									
6. Transporter 1 Company Name Freehold Cartage, Inc. U.S. EPA ID Number: N J D 0 5 4 1 2 6 1 6 4									
7. Transporter 2 Company Name U.S. EPA ID Number:									
8. Designated Facility Name and Site Address CMH Chemical Services, LLC 1550 Balmer Road, Model City, NY 14107 Facility's Phone: 716-754-8231 U.S. EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9									
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
				No.	Type				
	1.	RQ, Polychlorinated Biphenyls, Solid 9, UN 2315, PG II			1	CM	9576	KG	8007
	2.								
	3.								
4.									
14. Special Handling Instructions and Additional Information CMH Approval V6 4062 PCB Out-of-Service Date: 12/28/06 ERG # 171 ** CD Req'd **									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name: Patrick Nejeani (on behalf of U.S.E.P.A.) Signature: [Signature] Month: 3 Day: 11 Year: 2006									
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: [Signature] Signature: _____ Month: 3 Day: 11 Year: 2006 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: Day: Year:									
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ 18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month: Day: Year:									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. 2. 3. 4.									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name: _____ Signature: _____ Month: Day: Year:									

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number N J D 9 8 1 5 5 7 8 7 9	2. Page 1 of 1	3. Emergency Response Phone 716-998-4542	4. Manifest Tracking Number 001757431 JJK		
5. Generator's Name and Mailing Address US EPA Region II/Cornell-Dubilier Superfund Site 333 Hamilton Boulevard, S. Plainfield, NJ 07080		Generator's Site Address (if different than mailing address) Same					
Generator's Phone: 908-769-5301							
6. Transporter 1 Company Name Freehold Cartage, Inc.		U.S. EPA ID Number N J D 0 5 4 1 2 6 1 6 4					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address CWM Chemical Services, LLC 1550 Balmer Road, Model City, NY 14107		U.S. EPA ID Number N Y D 0 4 9 8 3 6 6 7 9					
Facility's Phone: 716-754-8231							
9a. HM X	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. RQ, Polychlorinated Biphenyls, Solid 9, UN 2315, PG II 3432 ☉ Yes	10. Containers No. Type 1 CM		11. Total Quantity 7,576 KG	12. Unit WL/Vol.	13. Waste Codes B007	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information CWM Approval VG 4062 PCB Out-of-Service Date: 12/28/06 SR-825568-2 ERG # 171 ** CD Reg'd ** 81612469 Rec'd 9616 K							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (If I am a large quantity generator) or (b) (If I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name Patrick Nejad (on behalf of U.S.E.P.A.) Signature <i>Patrick Nejad</i> Month Day Year 12 19 07							
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Robert Hoover Signature <i>Robert Hoover</i> Month Day Year 12 19 07 Transporter 2 Printed/Typed Name Signature Month Day Year							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H132 2. 3. 4.							
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Kyrra Lechowshi Signature <i>Kyrra Lechowshi</i> Month Day Year 02 21 07							



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

USEPA- CORNELL-DUBILIER
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NJD981557879
333 HAMILTON BLVD
SOUTH PLAINFIELD NJ 07080

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from USEPA- CORNELL-DUBILIER on 02/21/07 as described on Shipping Document number 001757432JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: VG4062
CWM Tracking ID: 8161247001
CWM Unit #: 1*0
Disposal Date: 02/21/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 301528
02/22/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

From everyday collection to environmental protection, Think Green? Think Waste Management.



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
P.O. Box 200
Model City, NY 14107
(716) 754-8231
(716) 754-0211 Fax

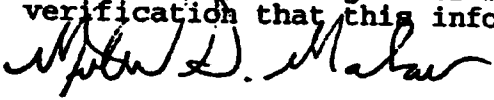
USEPA- CORNELL-DUBILIER
ATTN: ENVIRONMENTAL COMPLIANCE DEPT
NJD981557879
333 HAMILTON BLVD
SOUTH PLAINFIELD NJ 07080

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from USEPA- CORNELL-DUBILIER on 02/21/07 as described on Shipping Document number 001757431JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: VG4062
CWM Tracking ID: 8161246901
CWM Unit #: 1*0
Disposal Date: 02/21/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

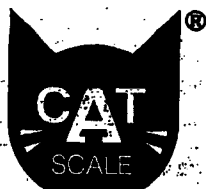

MICHAEL D MAHAR
DISTRICT MANAGER
Certificate # 301527
02/22/07

For questions please call
our Customer Service Dept.
at (800) 843-3604

From everyday collection to environmental protection, Think Green® Think Waste Management.

3327218

TICKET NUMBER



CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. It makes us different from other scale companies is that we back up our guarantee with cash.

"WEIGH WHAT WE SAY OR WE PAY"

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

- (1) Reimburse you for the cost of the overweight fine if our scale is wrong, OR
- (2) A representative of CAT Scale Company will appear in court WITH the driver as an expert witness if we believe our scale was correct.

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

- 1) Post bond and request a court date.
- 2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
- 3) IMMEDIATELY send a copy of the citation, CAT Scale ticket, your name, company, address, and phone number to CAT Scale Company Attn: Operations Manager.

* The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale.

Thank you
for weighing
Try again

SEE REVERSE SIDE
FOR
RULES, PRIZE CLAIM FORM
& TRUCK ENTRY FORM

DATE:	12-05-2006	STEER AXLE	11820	1b
		DRIVE AXLE	20640	1b
		TRAILER AXLE	00	1b
		* GROSS WEIGHT	32460	1b

1127

33272618

SCALE

977

LOCATION:

PUBLIC WEIGHMASTER'S
CERTIFICATE OF
WEIGHT & MEASURE

PETRO STOPPING CENTER
1255 RT414
WATERLOO NY

IMPRINT SEAL HERE
(IF APPLICABLE)

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facie evidence of the accuracy of the weight shown as prescribed by law.

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED

FREIGHT ALL KINDS

FCI

COMPANY

TRACTOR # 755 TRAILER # 0

FEE 8.50

WEIGHMASTER OR
WEIGHER SIGNATURE

Brandon Barner

FULL WEIGH
TICKET #
(IF REWEIGH)

BRANDON BARNER

DRIVER IN TRUCK UNLESS CHECKED HERE: ☐

© CAT Scale Company 08/08

WEIGH NUMBER

2618

CUSTOMER COPY



Transporter Log
CWM Chemical Services, Inc.
Model City, NY

150080

30 yd
Cubic Yards

81612469
Receipt #
825568-2
Service Req. #
FCI
Transporter Name
Dave Burton
Driver's Name

1637978 ME
Trailer License Plate # and State
NJ113
Permit #
793/342/9690
Tractor/Trailer/Roll-off #
US EPA Region II
Generator

SCALE 1 56840 LB G

09:47 AM 02/21/07 12

SCALE 2 35640 LB G

11:09 AM 02/21/07 12

Scheduled Arrival:

Actual Arrival: 9:41
Date Time
Date Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify) _____

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Laboratory

Time In Time Out Initials 7 Comments

Stabilization

Time In Time Out Initials Gross Wt. Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas

_____ Failure to obey instructions of facility personnel

_____ Failure to wear appropriate PPE

_____ Unsafe driving practices

_____ Other (specify) _____

_____ Leaving truck unattended

_____ Failure to display overweight flag

_____ Improper tarping or detarpin

_____ Overweight upon arrival

Security Guard Initials: _____
(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments



Transporter Log
CWM Chemical Services, Inc.
Model City, NY

150079

Cubic Yards

SCALE 1 52640 LB G
09:51 AM 02/21/07 12

SCALE 2 34320 LB G
11:12 AM 02/21/07 12

18320P
8310K

81612470
Receipt # 825568-1
Service Req. #
Profile #
Transporter Name
Driver's Name
AE383N NJ
Trailer License Plate # and State
NJ-113
Permit #
Tractor/Trailer/Roll-off #
Generator
FREEHAND CARTAGE INC.
USEPA

Scheduled Arrival:

Actual Arrival: Date Time
Date Time In Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

☐ Leaker ☐ Permit Violation ☐ Placarding/Veh. I.D. Violation

☐ Other (specify)

☐ Bulk to Landfill ☐ No wet line ☐ Flatbed ☐ Stabilization ☐ Drums ☐ Tanker ☐ Transformers

Receiving:

Initials Comments

Laboratory

Time In Time Out Initials Comments

Stabilization

Time In Time Out Initials Gross Wt. Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

Smoking or eating in prohibited areas

Leaving truck unattended

Failure to obey instructions of facility personnel

Failure to display overweight flag

Failure to wear appropriate PPE

Improper tarping or dewatering

Unsafe driving practices

Overweight upon arrival

Other (specify)

Security Guard Initials:

(Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

White: Records

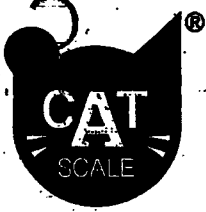
Green & Canary: Accts Rec.

Pink: Environmental

Goldcard: Driver

33080734

TICKET NUMBER



**CERTIFIED
AUTOMATED
TRUCK
SCALE**

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

755
33080734

PUBLIC WEIGHMASTER'S
CERTIFICATE OF
WEIGHT & MEASURE

DATE: 12-01-2006

SCALE 976

LOCATION: PILOT TRAVEL

I-84 EXIT 6
NEWBURGH NY

STEER AXLE 10780 1b

DRIVE AXLE 18920 1b

TRAILER AXLE 00 1b

* GROSS WEIGHT 29700 1b

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.

"WEIGH WHAT WE SAY OR WE PAY"

If you get an overweight fine from the state **AFTER** one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

- (1) Reimburse you for the cost of the overweight fine if our scale is wrong, OR
- (2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

- 1) Post bond and request a court date.
- 2) Call CAT Scale Company direct 24-hours a day at 1-877-CAT-SCALE (Toll Free).
- 3) **IMMEDIATELY** send a copy of the citation, CAT Scale ticket, your name, company, address, and phone number to CAT Scale Company Attn: Operations Manager.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale.

**WEIGH TO
CAT
SCALE
WIN®**

PULL HERE

**SEE REVERSE SIDE
FOR
RULES, PRIZE CLAIM FORM
& TRUCK ENTRY FORM**

IMPRINT SEAL HERE
(IF APPLICABLE)

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED

FREIGHT ALL KINDS

FREHOL

705

0

COMPANY

TRACTOR #

TRAILER #

FEE: 50

WEIGHMASTER OR
WEIGHER SIGNATURE

SHARDIN WELLS

FULL WEIGH
TICKET #
(IF REWEIGH)

DRIVER IN TRUCK UNLESS CHECKED HERE: ☐

© CAT Scale Company® 08/06

WEIGH NUMBER

0734

CUSTOMER COPY

304

Appendix G

Bill of Ladings

STRAIGHT BILL OF LADING-SHORT FORM-NOT NEGOTIABLE

MEMORANDUM 3

From CORNELL DUBILIER SUPERFUND SITE
US EPA REGION II
At 333 HAMILTON BOULEVARD
3. PLAINFIELD, NJ 07080
CONSIGNEE AND DESTINATION PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

DATE

3/12/20 07

SHIPPER'S NO.

LOAD # COTK12-001

CARRIER

Delaware Valley
Contractors, Inc

CARRIER'S NO.

Truck # 251 Lic # PA AF44749

ROUTE

VARIOUS

DELIVERING CARRIER

CAR OR VEHICLE
INITIALS & NO.

No. Shipping Units	Kind of Packaging, Description of Articles Special Marks and Exceptions	Weight (Subject to Correction)	RATE	CHARGES
1	NON-HAZARDOUS CONSTRUCTION & DEMOLITION DEBRIS	11.4 ton		
	24 HOUR EMERGENCY CONTACT: ROB THOM (ELK ENV.) 800-851-7156			
	LOCATION: Cluster 12 O:1 Tank Pad Concrete			

Note-Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☒ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CORNELL DUBILIER SUPERFUND SITE

SHIPPER

US EPA REGION II

CARRIER

PER On Behalf of USEPA Patrick N. [Signature]

PER

DVC

DATE 3-12-07

Pioneer Crossing Landfill Tickets
727 Red Lane Road
Birdsboro, PA 19508
Phone: (610) 582-2

PC 233961

BOL#
CDTK12-001

12 March 2007 10:48 am
12 March 2007 11:12 am

004612

SEVENSON ENVIRONMENTAL SERVICES, INC.
1405 NORTH MILL ROAD
VINELAND, NJ 08360

PA AF44949

Contract: 4612-506-USHL
References:

01 Gross Weight 5
Tare Weight 20,380.00
Net Weight 22,600.00 lb

Quantity	Unit	Description	Tax	Total
11.34	TN 79 [M*]	506 Spill Residues	Antam	
1.00	LD T7 [M*]	Transportation		

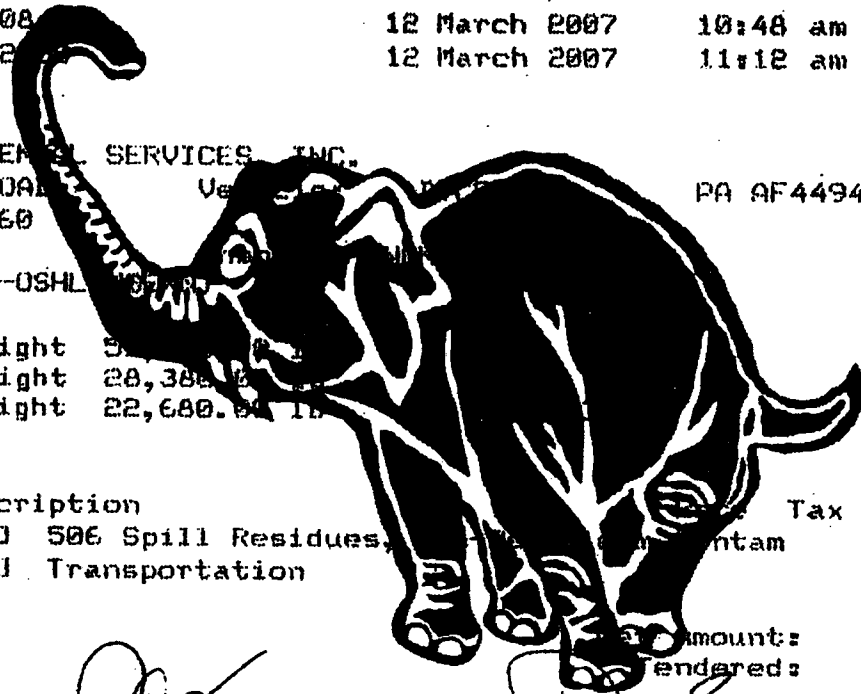
Amount:
Tendered:

Weighmaster:

Driver

Patty Updegrave-PA1060484

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser



CSTK 12-001

Pioneer Crossing Landfill Ticket:
727 Red Lane Road
Birdsboro, PA 19508
Phone: (610) 582-2

PC 233961

12 March 2007 10:48 am
12 March 2007 11:12 am

004612

SEVENSON ENVIRONMENTAL SERVICES, INC.
1405 NORTH MILL ROAD
VINELAND, NJ 08360

PA AF44949

Contract: 4612-506-OSHL

Reference:

01 Gross Weight 5
Tare Weight 28,380.00
Net Weight 22,680.00

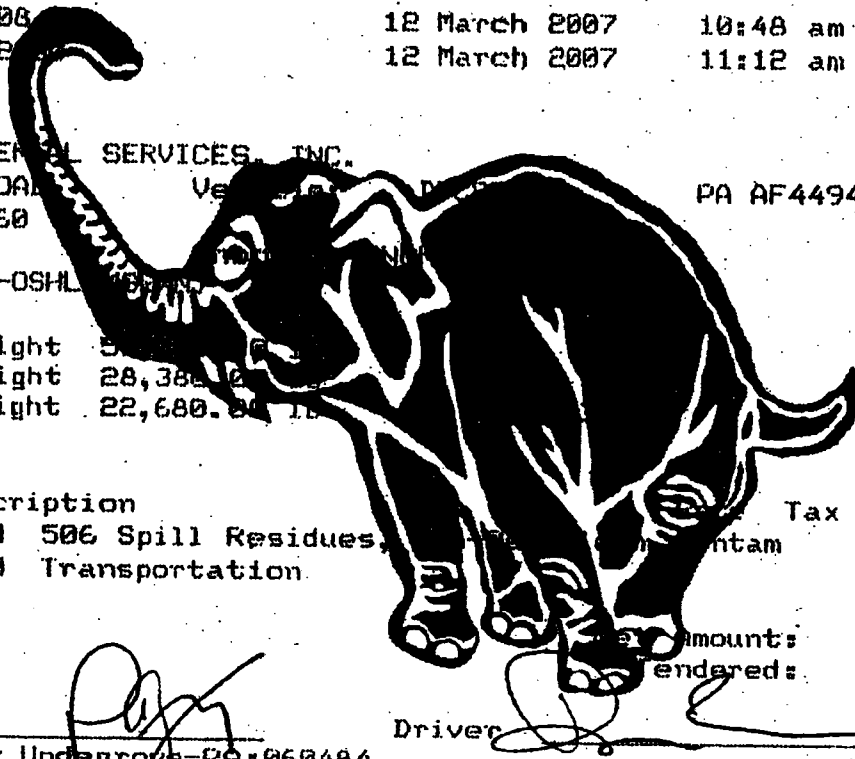
Quantity	Unit	Description	Tax	Total
11.34	TN 79 [M*]	506 Spill Residues		
1.00	LD T7 [M*]	Transportation		

Weighmaster:

Patty Updegrave-PA:060484

Driver

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STRAIGHT BILL OF LADING-SHORT FORM-NOT NEGOTIABLE

MEMORANDUM 3

From CORNELL DUBILIER SUPERFUND SITE
US EPA REGION II
333 HAMILTON BOULEVARD
S. PLAINFIELD, NJ 07080

DATE 3/12/20 07

SHIPPER'S NO.

LOAD # CDTK12-002

CARRIER Agliano Bros

CARRIER'S NO.

Truck # 06

Trucking

PA Lic # AE60853

ROUTE VARIOUS

DELIVERING CARRIER

CAR OR VEHICLE
INITIALS & NO.CONSIGNEE
AND
DESTINATION

PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

Start 7:15 AM

Finish - 10:00 AM WAIT TIME -

No. Shipping Units	Kind of Packaging, Description of Articles Special Marks and Exceptions	Weight (Subject to Correction)	RATE	CHARGES
1	NON-HAZARDOUS CONSTRUCTION & DEMOLITION DEBRIS	32.95		
	24 HOUR EMERGENCY CONTACT: ROB THOM (ELK ENV.)	19.65		
	800-851-7156			
	LOCATION: Cluster 12 0.1 Tank Pad Concrete			

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☒ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns. CORNELL DUBILIER SUPERFUND SITE

SHIPPER US EPA REGION II

CARRIER

PER

On Beh. of USEPA Robert Nyland

Agliano Brothers

PER Fred Malone

DATE 3-12-07

C071412-002

Pioneer Crossing Landfill Ticket:
727 Red Lane Road
Birdsboro, PA 19508
Phone: (610) 582-2

PC 234009

12 March 2007 12:46 pm
12 March 2007 1:37 pm

004612

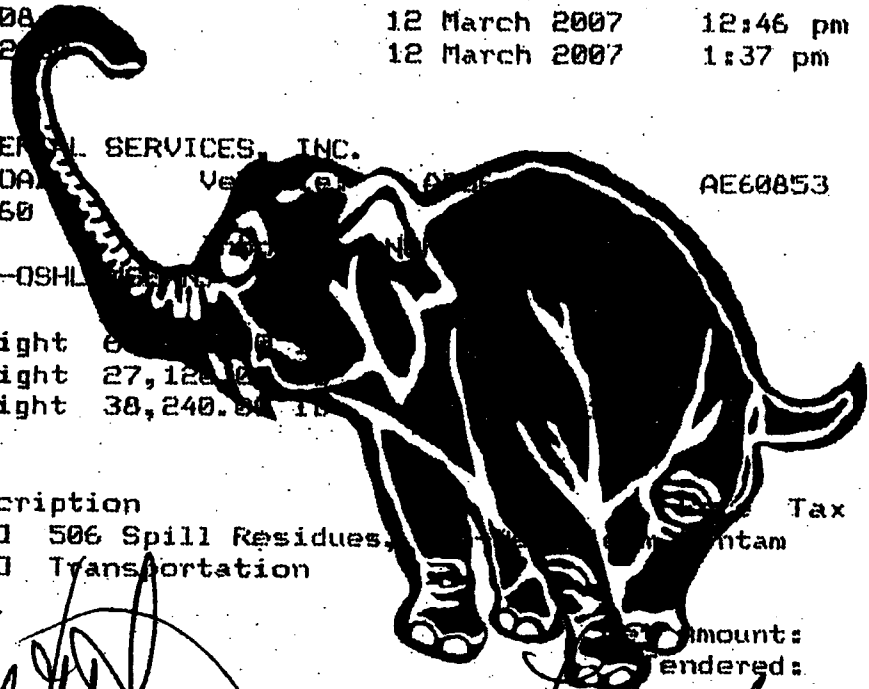
SEVENSON ENVIRONMENTAL SERVICES, INC.
1405 NORTH MILL ROAD
VINELAND, NJ 08360

Vehicle # AE60853

Contract: 4612-506-09HL

Reference:

01 Gross Weight 0
Tare Weight 27,120
Net Weight 38,240.00



Quantity	Unit	Description	Tax	Total
19.12	TN 79 [M*]	506 Spill Residues	Antam	
1.00	LD T7 [M*]	Transportation		

Amount:
Entered:

Weighmaster:

Anne White - PA-062036

Driver:

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STRAIGHT BILL OF LADING-SHORT FORM-NOT NEGOTIABLE

MEMORANDUM 3

From CORNELL DUBILIER SUPERFUND SITE
US EPA REGION II
At 333 HAMILTON BOULEVARD
S. PLAINFIELD, NJ 07080

CONSIGNEE
AND
DESTINATION

PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

IN 7:15
Out 9:50

DATE 3/12/20 07

SHIPPER'S NO.

LOAD # COTK12-003

CARRIER Agliano Bros.

CARRIER'S NO.

Truck # 01

Trucking

PA Lic AF 1901B

ROUTE

DELIVERING CARRIER

VARIOUS

CAR OR VEHICLE
INITIALS & NO.

No. Shipping Units	Kind of Packaging, Description of Articles Special Marks and Exceptions	Weight (Subject to Correction)	RATE	CHARGES
1	NON-HAZARDOUS CONSTRUCTION & DEMOLITION DEBRIS	21.7 ton		
	24 HOUR EMERGENCY CONTACT: ROB THOM (ELK ENV.) 800-851-7156			
	LOCATION: Cluster 12 0.1 Tank Pad Concrete			

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$_____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☒ Freight prepaid☐ Collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns, CORNELL DUBILIER SUPERFUND SITE

SHIPPER US EPA REGION II

CARRIER

PER On Behalf of USEPA Patrick N. Giond

PER

DATE 3/12/07

CBTK12-003

Pioneer Crossing Landfill Tickets
707 Red Lane Road
Birdsboro, PA 19508
Phone: (610) 546-2000

PC 234000

12 March 2007 12:43 pm
12 March 2007 1:14 pm

004612

SEVENSON ENVIRONMENTAL SERVICES, INC.
1405 NORTH MILL ROAD
VINELAND, NJ 08360

AF19018

Contract: 4612-506-USHL
Reference:

01 Gross Weight
Tare Weight 26,600
Net Weight 44,560.00

Quantity	Unit	Description	Tax	Total
22.28	TN 79 LM*	506 Spill Residue	Montam	
1.00	LD 12 LM*	Transportation		

Weighmaster:

Boone White PA-062036

Driver:

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

STRAIGHT BILL OF LADING-SHORT FORM-NOT NEGOTIABLE

MEMORANDUM 3

From CORNELL DUBILIER SUPERFUND SITE
US EPA REGION II
333 HAMILTON BOULEVARD
At 3. PLAINFIELD, NJ 07080

CONSIGNEE
AND
DESTINATION

PIONEER CROSSING LANDFILL
727 RED LANE ROAD
BIRDSBORO, PA 19508

DATE

CARRIER

ROUTE

VARIOUS

SHIPPER'S NO.

CARRIER'S NO.

DELIVERING CARRIER

LOAD # CDTK12-004

Truck # 251

Valley Contractors, Inc. LIC # (PA) AP44949

CAR OR VEHICLE
INITIALS & NO.

No. Shipping Units	Kind of Packaging, Description of Articles Special Marks and Exceptions	Weight (Subject to Correction)	RATE	CHARGES
1	NON-HAZARDOUS CONSTRUCTION & DEMOLITION DEBRIS	19.7 ton		
	24 HOUR EMERGENCY CONTACT: ROB THOM (ELK ENV.) 800-851-7156			
	LOCATION: Cluster 12 Oil Tank Concrete Pad			

Note—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$_____ per _____.

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

The carrier shall not make delivery of this shipment without payment of freight and all other charges.

(Signature of Consignor)

FREIGHT CHARGES

Check Appropriate Box:

☒ Freight prepaid☐ Collect

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Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns. CORNELL DUBILIER SUPERFUND SITE

SHIPPER

US EPA REGION II

CARRIER

JVC 251

PER

06/3/07 04:40:11 KIF USEPA

PER

DATE

3-12-07

CB TK12-004

Pioneer Crossing Landfill Ticket:

PC 234063

727 Red Lane Road

Birdsboro, PA 19508

Phone: (610) 582-8

13 March 2007

6:26 am

13 March 2007

6:47 am

004612

SEVENSON ENVIRONMENTAL SERVICES, INC.

1405 NORTH MILL ROAD

VINELAND, NJ 08360

Ver

Dis

PA AF44949

Contract: 4612-506-OSHL

Reference:

01 Gross Weight

Tare Weight

Net Weight

28,800.00

39,420.00

K12-004

Quantity Unit Description

19.71 TN 79 CM*3 506 Spill Residues

1.00 LD T7 CM*3 Transportation

Tax

Total

Amount:
Entered:

Weighmaster:

Driver:

Patty Updegrave-PA:060484

Original and Copies 2 & 3 - Facility Copy 4 - Purchaser

Appendix H

Compaction Results

SOR TESTING LABORATORIES, INC.

Geotechnical Engineering - Materials Testing - Forensic Studies

98 Sand Park Rd., Cedar Grove, NJ 07009

(973) 239-6001 Fax (973) 239-8380

Branch Office:
New Brunswick, NJ
(732) 247-4481Kamil Sor, Ph.D.
Orhun Sor, P.E.
Peter G. Micklus, P.E.
Yilmaz Arhan, Ph.D.
Kenneth Rowbotham, P.E.This report is the confidential property of the Client, and information
contained may not be published or reproduced without our written permission.

Client:	Sevenson Environmental Services		
Project:	Cornell Dubilier, G-238, 333 Hamilton Boulevard, South Plainfield, NJ		
Subject:	In-Place Density Testing of Quarry Process Material		
Job No.:	06-593	Report No.:	07-1132
		Date:	4/4/2007

At the client's request, on April 3, 2007, our technician reported to the project site to perform in-place density tests using a Nuclear Gauge.

At the time of our visit, the backfill was already completed in two separate locations at Cluster 11 and 12 at 9" and 6" high lifts at one lift in each location. Contractor used imported Quarry Process Material with a proctor value of 142.2 lbs/ft. 3 at 8.3% optimum moisture and stated that it was compacted with big single drum ride on vibratory roller. The entire area appeared to be firm during our visual observation. Nuclear density tests were at random at two separate locations. Test results showed acceptable compactions.

The test locations and density test results are presented on the attachments (two pages).

Very truly yours,

SOR TESTING LABORATORIES, INC.


Kamil Sor, Ph. D.
President

KS/ls

Attachments

cc: (1) Client, Attn: Ken Lickfield

Fax: 716-284-7645

② 93

SOR TESTING LABORATORIES, INC.

Geotechnical Engineering • Materials Testing • Forensic Studies

98 Sand Park Rd., Cedar Grove, N.J. 07009

(973) 239-6001 • Fax (973) 239-8380

Branch Office:

118 - 120 Sanford St.

New Brunswick, NJ 08903

(908) 494-2448 Fax (908) 247-4421

Kamil Sor, Ph.D.

Othman Spr., P.E.

Peter G. Mickus, P.E.

NUCLEAR DENSITY TEST DATAClient: SevensonDate: 4-3-07Project: Cornell Dubilier Superfund site Job No.: 00-593 Report No. _____Daily Standard Count: _____ Density: 979 Moisture 688

TEST NUMBER	1	2	3		4	5	
Station	← CLUSTER 11 BLVD 14 →				← CLUSTER 12 OIL TANK AREA →		
Offset	Random Test				Random Test		
Elevation	← FINAL GRADE →				← Final Grade →		
Moisture & Depth (inches)	6"	6"	6"		4"	4"	
Density Count	472	460	490		804	764	
Wet Density (P.C.F.)	150.3	154.4	150.1		151	152.8	
Moisture Count	92	87	88		77	64	
Dry Density (P.C.F.)	138.5	140.5	137.4		136.2	139.6	
Moisture (P.C.F.)	11.8	13.9	12.3		14.8	13.2	
Moisture (%)	8.5	9.9	9.0		10.9	9.5	
Proctor Density (P.C.F.)	142.2	→			→		
Optimum Moisture (%)	8.3	→			→		
% Compaction	97.4	98.8	96.6		95.8	98.2	
Moisture Correction							

REMARKS:

Wanda B. Good
 INSPECTOR

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DATE : 4-3-07

CLIENT - Severson -

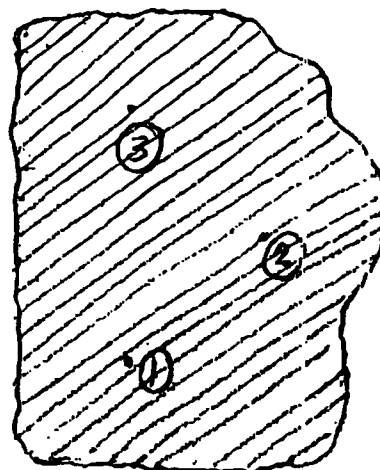
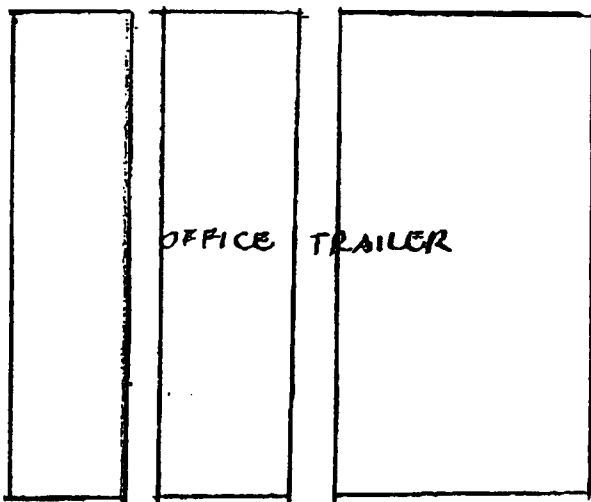
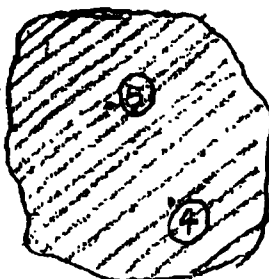
PROJECT - Cornell Dubiler

Superfund site


G-258 - Job #

Contr - Severson

CLUSTER 12
OIL TANK
AREA 6"
11ft



CLUSTER 11 Bldg 14
9' hft

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE (Read instructions on the reverse side prior to initiating this form)						DATE 04/19/2007		TRANSMITTAL NO. 02742-51		
SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)										
TO: Environmental Residency US Army Corps of Engineers 214 State Highway 18 East Brunswick, NJ 08816			FROM: Severson Environmental Services Inc. 2749 Lockport Road Niagara Falls, NY 14305			CONTRACT NO. W912DQ-04-D-0023 0007		CHECK ONE <input checked="" type="checkbox"/> THIS IS A NEW TRANSMITTAL <input type="checkbox"/> THIS IS A RESUBMITTAL OF TRANSMITTAL _____		
SPECIFICATION SEC. NO. (Cover only one section with each transmittal) 02742			PROJECT TITLE AND LOCATION Cornell-Dubilier Electronics OU-2 Demo 333 Hamilton Boulevard, SP, NJ 07080						CHECK ONE: THIS TRANSMITTAL IS FOR <input checked="" type="checkbox"/> FIO <input type="checkbox"/> GA <input type="checkbox"/> DA <input type="checkbox"/> CR	
ITEM NO. a.	DESCRIPTION OF ITEM SUBMITTED (Type size, model number/etc.) b.	MFG OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See instruction no. 8) c.	NO. OF COPIES d.	CONTRACT REFERENCE DOCUMENT		FOR CONTRACTOR USE CODE g.	VARIATION (See instruction No. 6) h.	FOR CE USE CODE i.		
				SPEC. PARA NO. e.	DRAWING SHEET NO. f.					
2	Asphalt Density for Budg 14, Oil Tank	TEST REPORTS	6	1.3		A	N			
REMARKS						I certify that the above submitted items have been reviewed in detail and are correct and in the strict conformance with the contract drawings and specifications except as otherwise stated.  NAME AND SIGNATURE OF CONTRACTOR				
SECTION II - APPROVAL ACTION										
ENCLOSURES RETURNED (List by item No.)			NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY				DATE			

**SOR TESTING LABORATORIES, INC.**

Geotechnical Engineering - Materials Testing - Forensic Studies
98 Sand Park Rd., Cedar Grove, NJ 07009
(973) 239-6001 Fax (973) 239-8380

Branch Office:
New Brunswick, NJ
(732) 247-4481

Kamil Sor, Ph.D.
Orhun Sor, P.E.
Peter G. Micklus, P.E.
Yilmaz Arhan, Ph.D.
Kenneth Rowbotham, P.E.

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Client:	Sevenson Environmental Services		
Project:	Cornell Dubilier, G-238, 333 Hamilton Boulevard, South Plainfield, NJ		
Subject:	Observation and Testing of Asphalt Paving		
Job No.:	06-593	Report No.:	07-1303
		Date:	4/16/2007

At the client's request, on April 11, 2007, our technician reported to the project site to observe the paving operations and perform the in-place density tests.

Placement of top coarse materials designated at MABC I-4 was observed in tow separate locations, Cluster 11 Building 14 and Cluster 12 Oil Tank Area. About 3"± high of material is placed in two separate locations for temporary pavement for parking area. It was compacted with mid side double drum vibratory roller. The mix temperature measured at 294°F to 311°F at laydown temperature at 48°F. Nuclear density test was performed as the job progressed. All test results, are indicated in test data sheets including the sketch for point of test locations. About 198.5 tons are used to complete the job.

Technician: Winnie Capuno

Very truly yours,

SOR TESTING LABORATORIES, INC.

Kamil Sor, Ph. D.
President

KS/ls
Attachments
cc: (1) Client, Attn: Ken Lickfield
Fax: 716-284-7645

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SOR TESTING LABORATORIES, INC. Nuclear Density Test Data - Asphalt

Sheet _____ of _____

Client: SevensonProject: Cornell Dabiller Superfund SiteDate: 4-11-07Job No.: 06-573

Daily Standard Count:

Density: _____ Moisture: _____

TEST NUMBER	1	2	3	4	5	6	7	8	9	10	11	12
Station	← (INSIDE CLUSTER II Bdg 14 Area) →											
Offset	← INSIDE CLUSTER 12 OIL TANK AREA →											
Elevation	RANDOM TEST SEE THE SKETCH ATTATCH FOR POINT OF TEST LOCATION											
Mode & Depth (Inches)	← FINAL GRADE →											
Density Count	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	PS
In-Place Density (PCF)	149.1	149.6	152.5	150.6	152.2	148.2	154.3	151.5	152.7	150	152.2	149.7
Theoretical Density	162.3											
Marshall Density (PCF)	155.2											
Dry Density (P.C.F.)												
% AIR VOIDS	8.1	7.8	6.0	7.2	6.2	8.6	4.9	6.7	5.9	7.0	6.2	7.6
% Compaction	96.1	96.4	98.2	97.0	98.0	95.5	99.4	97.6	98.4	96.6	98.1	96.5

REMARKS: MIXED USED MABC E-4, ASPHALT MIX TEMP 294°F to 311°F

MAX = 162.3 lbs/ft³ Marshall 155.2 AIR VOIDS 4.4% → Supplier by Plant Q/A

TOTAL TONNAGE USED = 198.5 tons

Technician: William B. Caputo

Apr 15 07 10:00p

P. 4

⑤ of 7

DATE . 4-11-07

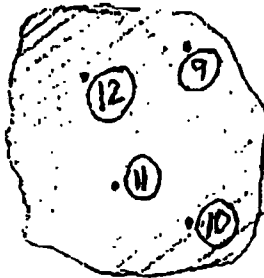
CLIENT - Severson -

PROJECT - Cornell Dubilier

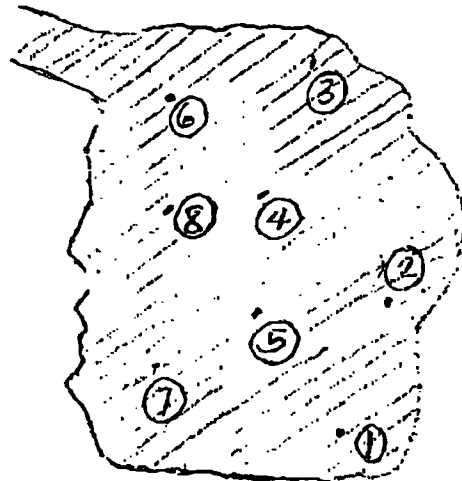
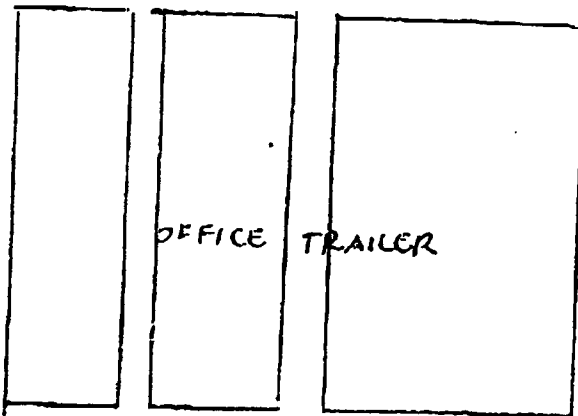
Superfund site

G-258 - Job #

Contr - Severson

CLUSTER 12
OIL TANK
AREA

OFFICE TRAILER

CLUSTER 11 Bldg 14
AREA

Appendix I

Demolition Permit



BUILDING SUBCODE TECHNICAL SECTION



NOV 15 2006

908-756-4761 FIRE DEPT
JOE

Date Received
Control #

Date Issued
Permit #

061496

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 256 Lot 1 Qualification Code _____

Work Site Location 333 HAMILTON BLVD
SOUTH PLAINFIELD NJ 07080

Owner in Fee: USACE

Tel. (732) 846-5830 e-mail _____

Address 333 HAMILTON BLVD SOUTH PLAINFIELD NJ 07080

Contractor: SEVENSON ENVIRONMENTAL Tel. (908) 245-0318

Address 26 RUSTIC MALL, MANVILLE NJ 08835 e-mail ZAMBRA973@aol.com

Contractor License No. or Builder Registration No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 16-1091535 FAX: (908) 243-0320

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature _____

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

DEMOLITION OF AN
ABOVE GROUND OIL TANK

SIZE 27' DIAMETER x 30' HIGH

OIL HAS BEEN REMOVED - CLOSURE
REPORT ENCLOSED

JOB SUMMARY (Office Use Only)

PLAN REVIEW

Date	Initial	INSPECTIONS	Dates (Month/Day)
[X] No Plans Required	11/16/06	Type:	Failure Failure Approval Initial
[] All		Footings	
[] Footing		Footings Bonding	
[] Foundation		Foundation	
[] Frame		Slab	
[] Other		Frame	
		Truss Sys./Bracing	
		Barrier-Free	
		Insulation	
		Finishes -Base Layer	
		Finishes -Final	
		Energy	
		Mechanical	
		TCO	
		Other	
		Final	
		Barrier-Free	

Joint Plan Review Required:

[] Elec. [] Plumb. [] Fire [] Elevator

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date: _____

Approved by: _____

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____

Constr. Class Present _____ Proposed _____

No. of Stories 3

Height of Structure 30 Ft.

Area — Largest Floor 9 Sq. Ft.

New Bldg. Area/All Floors _____ Sq. Ft.

Volume of New Structure _____ Cu. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. \$ _____

2. Rehabilitation \$ _____

3. Total (1+ 2) \$ _____

TYPE OF WORK:

- [] New Building
- [] Addition
- [] Rehabilitation
- [] Roofing
- [] Siding
- [] Fence _____ Height (exceeds 6')
- [] Sign _____ Sq. Ft.
- [] Pool
- [] Retaining Wall _____ Sq. Ft.
- [] Asbestos Abatement Subchapter 8
- [] Lead Haz. Abatement NJAC 5:17
- [] Radon Remediation
- [] Other _____
- ☒ Demolition

FEE (Office Use Only)

\$ _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____

Appendix J

Photographs

Table 1

Disposal Facilities

Asbestos Disposal:

Minerva Enterprises, LLC
8955 Minerva Road
P.O. Box 709
Waynesburg, Ohio 44688

Non-hazardous Debris Disposal:

Solid Waste Services / Pioneer Crossing Landfill
2650 Audubon Road
Audubon, PA 19403

Hazardous Waste Disposal:

CWM Chemical Services, LLP
1550 Balmer Road
Model City, NY 14107